



PETER R. RUSSO—THE TECH

Protesters display their disapproval of President Bush outside the Park Plaza Hotel in Boston on Thursday, March 25. The President was in town for several hours to deliver a private \$2000-per-plate fund raising speech at the hotel.

## MIT Voices Opinions About Gay Marriage

By Kathy Dobson  
STAFF REPORTER

As an amendment to the Massachusetts Constitution to ban same-sex marriage and establish civil

**Feature** unions was approved by the legislature yesterday, students, faculty, staff and community groups expressed a variety of opinions and reactions on the same-sex marriage debate.

The question of whether marriage, historically sanctioned by the state as between a man and woman, can and should include couples of the same sex has become one of the most contested nationwide social issues in recent history.

The fundamental dilemmas being raised in the Massachusetts legislature inspired some student

groups, such as GaMIT and MIT Queer Women's Group, to mobilize members of the MIT community to protest the same-sex marriage ban amendment.

Nationwide, however, supporters of same-sex marriage have been in the minority, according to polls in *The Economist*. Other MIT groups, such as the Tech Catholic Community, hold strong beliefs that same-sex marriage or unions should not be allowed.

The legalization of same-sex marriage by the Massachusetts Supreme Court before this recent action by the legislature, and the resulting debate and proposed amendment, has encouraged some to accelerate their marriage plans, and has aroused feelings of frustra-

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## Architecture Students Plan Asian University

By Tongyan Lin  
ASSOCIATE NEWS EDITOR

MIT's Architecture graduate students are helping to design a campus for the Asian University for Women (AUW) in Chittagong, Bangladesh.

The students are led by Associate Professor of Architecture Ann M. Pendleton-Jullian, and are collaborating with students from the Rhode Island School of Design.

The AUW is funded by a multinational committee that aims to provide education for South Asian women from rural or underprivileged backgrounds, and prepare them to take leadership positions in those countries.

The AUW requested that the Rhode Island School of Design and

MIT participate specifically, with the goal of the project to "present to the AUW four schemes" that are "very different" in order to encourage discussion by the middle of the year, Pendleton-Jullian said. They will also present one scheme that "we believe, with our experience, is the best."

These schemes are master plans that will not detail rooms of the university, but will, according to the AUW web site, determine "the location, phasing, and general character of proposed buildings roads, paths, outdoor classrooms, parking service areas, and landscape."

Project's agenda is to teach

The project is part of the Master

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## Index Theorem Wins Isadore Award

By Gireeja V. Ranade  
ASSOCIATE NEWS EDITOR

After half an hour of vigorously explaining just the statement of the index theorem on blackboard, Professor of Mathematics Richard B. Melrose asked with a flourish, "Now doesn't that make you want to be a mathematician?" Obviously, the answer was yes!

The index theorem, which brings together topology, geometry and analysis was discovered and proved by MIT Institute Professor Isadore M. Singer and Sir Michael Francis Atiyah of the University of

Edinburgh, who on Thursday were jointly awarded the Abel Prize for 2004 by the Norwegian Academy of Science and Letters.

"One of the things we have learned from the index theorem is the unity of mathematics," Singer said.

The Abel Prize is a highly prestigious award in mathematics, and is awarded every year, starting in 2003.

**The index theorem**

"The index theorem is about the possibility of solving differential equations," said the Head of the MIT Mathematics Department David A. Vogan. The theorem pro-

vides a formula to calculate the difference between the number of independent solutions and constraints of a system of differential equations, called the index of the system.

The role of the index is parallel to that which the difference between the row and the column ranks of a matrix plays in a system of linear equations. Through the theorem, Atiyah and Singer generalized the concept of the equality of the row-rank and the column-rank of a matrix, which for matrices would imply a unique solution, Melrose said.

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## Celeste Fowler



Celeste Fowler G, a Joint Program PhD student at the Woods Hole Oceanographic Institution in Ocean Engineering, died of metastatic melanoma on

March 21, 2004. Fowler was 32 years old.

Fowler was diagnosed with cancer approximately eight weeks before her death, but her parents said she was able to maintain a surprisingly upbeat attitude throughout the early months of 2004. "After Celeste had survived a particularly grueling round of chemotherapy someone cautiously sticking his head in her door was greeted with Mark Twain's line, 'Reports of my death have been greatly exaggerated,'" her parents wrote in an obituary they sent to *The Daily Star*.

To commemorate her life, the Department of Ocean Engineering put up posters

of Fowler SCUBA diving, with the words "doing what she loved most" underneath the photo. Fowler was fond of SCUBA diving and photography, and briefly worked for SeaPics.com, a company specializing in marine life photos.

Fowler joined the Institute community in June 2003 with long list of accolades to her name. She earned a Cum Laude degree in Computer Science at Princeton University within three years. During and after Princeton, Fowler worked in computer graphics for a number of top companies, including Microsoft, Silicon Graphics, AvantGo, and the Scripps Institution of Oceanography. She joined the Institute as an MIT Presidential Fellow.

Colleagues and professors said that she was able to accomplish much in her short time in the program. Her advisor, Hanumant Singh, described her lab work as "fantastic," but added "more importantly, she was an awesome personality. She was

Fowler, Page 14



DANIEL R. BERSAK—THE TECH

Saul T. Griffith G cuts through the water on a kiteboard in South Boston's Pleasure Bay Friday, March 26.



The Get Up Kids shine in their performance at Axis.

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OPINION

Chen Zhao discusses the recent Supreme Court case discussing the Pledge of Allegiance.

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# WORLD & NATION

## Attorney General Rejects Romney's Bid To Halt Gay Marriages

THE BOSTON GLOBE

Massachusetts Attorney General Thomas F. Reilly Monday night rejected Governor Mitt Romney's bid to seek a Supreme Judicial Court order to delay implementation of its gay marriage ruling, creating a major roadblock in the governor's plans to block same-sex marriages from taking place in May.

Reilly said that he informed Romney shortly after the Legislature approved a proposed constitutional amendment banning gay marriage that the governor's legal arguments have no validity since the SJC has twice ruled in favor of gay marriage.

Reilly's decision, which he delivered personally to Romney in a phone conversation just before the governor went on live television to announce his plans, creates a major legal — and political hurdle — for the governor, who is intent on blocking the May 17 implementation of the court ruling.

The governor and the attorney general are potential rivals in the 2006 race for governor, but Reilly, a Democrat, insisted Monday night that his decision is solely based on the legal issues — namely he is convinced that Romney argument has no validity in light of the strong language in the SJC rulings.

## Nineteen Killed As Terrorists Strike In Uzbekistan

THE NEW YORK TIMES

MOSCOW

Nineteen people were killed and at least 26 were wounded in a series of terrorist incidents in the Central Asian nation of Uzbekistan, the prosecutor general said Monday.

The prosecutor, Rashid Kadyrov, told reporters in Tashkent, the capital, that the deaths involved two bombings, two attacks on police officers and an explosion that killed 10 people at a building where bombs were being assembled.

He blamed Islamic militants, who have been the target of crackdowns in Uzbekistan, where the United States has an important military base near the border with Afghanistan.

"These were terrorist acts," Kadyrov said. "There is reason to believe they were prepared over a long period and coordinated from a center, possibly abroad. All the terror acts are interconnected, according to our preliminary investigation."

The U.S. Embassy cautioned Americans in Uzbekistan to be on "highest alert" and said, "Other terrorists are believed still at large and may be attempting additional attacks."

## Nationalists Drop Opposition To Election Results In Taiwan

THE NEW YORK TIMES

TAIPEI, TAIWAN

The opposition Nationalist Party on Monday publicly dropped its demand that the Taiwan military be allowed to vote again after a disputed presidential election a week ago, making it nearly certain that President Chen Shui-bian will be sworn in on May 20 for another four-year term.

The stock market here soared as nine days of political turmoil appeared to have ended with the main political parties reaching an understanding on many, though not all, of the issues that have divided them since a shooting incident involving the president less than 19 hours before the election.

The market jumped 5.6 percent, as many stocks leaped the maximum 7 percent allowed by the rules. The Taiwan currency also rebounded, while the prices of government bonds fell as investors decided that they no longer needed such investments as calm returned.

# Sept. 11 Commission To Ask Rice To Testify Under Oath

By Philip Shenon and Richard W. Stevenson  
THE NEW YORK TIMES

WASHINGTON

The chairman and vice chairman of the independent commission investigating the Sept. 11 attacks said on Monday they would ask Condoleezza Rice to testify under oath in any future questioning because of discrepancies between her statements and those made in sworn testimony by Bush's former counterterrorism chief.

"I would like to have her testimony under the penalty of perjury," said the commission's chairman, Thomas H. Kean, the former Republican governor of New Jersey, in comments that reflected the panel's exasperation with the White House and Rice, the president's national security adviser.

Rice has refused to testify in public before the commission even as she has granted numerous interviews about the commission's investigation.

The White House declined to respond to Kean's comments.

One official who had been briefed on discussions between the White House and the commission said Monday night that a number of options were under consideration that

might lead to a compromise over Rice. The official, who asked not to be named because he had not been authorized to disclose information, declined to specify the options and said nothing had yet been decided.

Rice has granted one private interview to the 10-member, bipartisan commission and has requested another. But the White House has cited executive privilege in refusing to allow her to testify in public or under oath. That decision has led Democrats and other critics to accuse the White House of attempting to hide embarrassing information about its failure to preempt the Sept. 11 attacks.

"I think she should be under the same penalty as Richard [A.] Clarke ['79]," Kean said in an interview, referring to the former White House counterterrorism adviser who testified last week that the Bush administration had not paid sufficient attention to the threat from al-Qaida before Sept. 11, 2001.

Congressional Republican leaders have said that Clarke lied under oath and requested that previous Congressional testimony by him be declassified.

In a private interview in February with several members of the commis-

sion, Rice was not required to be under oath, and panel officials said that no transcript was made of the four-hour conversation.

The commission has required all witnesses testifying at public hearings to be sworn in, opening them to perjury charges if they are found to be lying, while all but a handful of the hundreds of witnesses questioned behind closed doors have not been sworn.

In separate interviews, Kean and the panel's vice chairman, Lee H. Hamilton, a former Democratic House member from Indiana, said they would continue to press for Rice to testify under oath in public.

But they said that if the White House continued to refuse to have her answer questions at a public hearing, any new private interviews with Rice should be conducted under new ground rules, with the national security adviser placed under oath and a transcription made.

There were signs throughout the day on Monday of a debate within the administration over whether to hold fast to the principle of not allowing White House aides to testify before Congress or to seek a deal that would allow Rice to appear before the commission.

# Judge Denies Mistrial Motion In Tyco Case, Lets Jury Remain

By Andrew Ross Sorkin  
THE NEW YORK TIMES

NEW YORK

In an effort to keep the six-month-long corporate theft trial of two former top executives of Tyco International from ending without a verdict, the judge in the case on Monday rejected a defense motion for a mistrial on the ground that the naming of a juror by the news media had compromised the deliberations.

Justice Michael J. Obus of State Supreme Court in Manhattan, who has had to contend with increasing evidence of infighting in the jury room, instructed the jury to continue its deliberations, noting that "while we certainly cannot pretend to operate in a vacuum, we cannot let what

is published in the newspaper determine what happens here." While it is not illegal for a juror to be identified by name while a trial is in progress, the news media typically refrain from doing so.

Lawyers for L. Dennis Kozlowski, Tyco's former chief executive, had argued that Juror No. 4 — who indicated in a note last week that she favored an acquittal on all charges and appeared to give an "OK" gesture to the defense team on Friday — could have been unduly influenced by media focus.

But Obus, after interviewing the juror in chambers, told the court that he was comfortable continuing with deliberations because she had told him "that nothing that has happened will, from her point of view, prevent

her from deliberating in good conscience with the other jurors."

"She has said that she is prepared to do so and is doing so," Obus said.

Juror No. 4's decision to deliberate after having taken such a hardened stance to acquit on all 32 charges may raise questions about the validity of a verdict if one is reached, legal experts said.

The jurors continued their work through the afternoon, even sending notes to the judge with specific questions about certain charges, indicating that they may now be making progress, in sharp contrast to notes last week that described their deliberations as "poisonous." They are expected to resume their deliberations Tuesday.

# WEATHER

## A Broken Down Storm

By Robert Lindsay Korty  
STAFF METEOROLOGIST

In the upper troposphere a current of air, known as the jet stream, circumnavigates the globe. There are waves or curves along its path, many of which gently vary on a planetary-scale. Disturbances of a smaller scale are advected and interact with the mean flow, and storms nearly always travel in the direction of the prevailing wind from west to east.

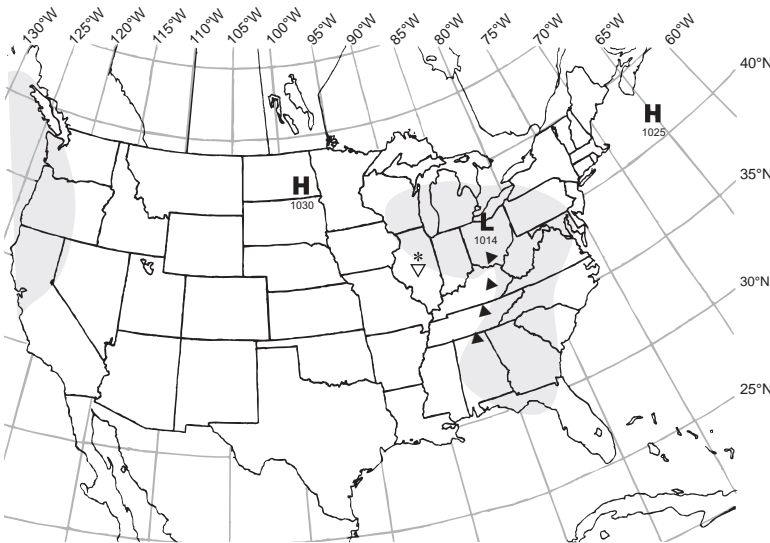
This week a storm will become pinched off from the main flow — effectively moving from the fast lane to the break down lane. With little to push the storm along, it will linger over the eastern United States for the remainder of the week. This will subject New England to a prolonged period of dank, cool weather.

This is not an uncommon occurrence during the spring; this pattern produces weather that casts a gloomy pall over times in March and April, which otherwise boast of warming and brighter days.

### Extended Forecast

**Today:** Mostly cloudy and remaining cool. Highs from 40-45°F (4-7°C).  
**Tonight:** Partly cloudy. Low of 38°F (3°C).  
**Wednesday:** Rain developing. High near 48°F (9°C).  
**Thursday:** Showers. High of 42°F (5°C), low of 40°F (4°C).

Situation for Noon Eastern Standard Time, Tuesday, March 30, 2004



Weather Systems	Weather Fronts	Precipitation Symbols	Other Symbols
<b>H</b> High Pressure	--- Trough	Snow: * (light), ** (moderate), *** (heavy)	Fog: ☁
<b>L</b> Low Pressure	— Warm Front	Rain: • (light), •• (moderate), ••• (heavy)	Thunderstorm: ⚡
<b>S</b> Hurricane	▲▲▲ Cold Front		Haze: ☁
	▲ Stationary Front		

Compiled by MIT Meteorology Staff and The Tech

# Mass. Legislature Reverses SJC Ruling, Establishes Civil Unions

By Rick Klein  
*THE BOSTON GLOBE*

The Massachusetts Legislature Monday voted to ban gay marriage and establish civil unions, approving a proposed ballot initiative that would reverse the Supreme Judicial Court’s historic ruling that legalized same-sex marriages.

Governor Mitt Romney immediately vowed to ask the courts to block gay marriages until voters can decide in November 2006 whether to amend the state Constitution by adding the proposed ban. The SJC decision legalizing gay marriages is set to go into effect May 17, and Romney said he wanted to avoid “confusion” created if gay couples married and then the voters banned gay marriage.

“The Supreme Judicial Court should delay the imposition of its decision until the people have a chance to be heard,” Romney said at a news conference shortly after Monday night’s vote.

Attorney General Thomas F. Reilly, however, said minutes later

that he would not take Romney’s request to the SJC.

The SJC ruling would make Massachusetts the first state to allow gay couples to marry legally. The proposed constitutional amendment, on the other hand, would ban gay marriage but make Massachusetts the second state, after Vermont, to legalize civil unions.

The Legislature narrowly approved the amendment, 105-92, after a fourth intense day of debate in the past six weeks. The vote was met with a stunned hush by the gay-marriage supporters in the House gallery. It would ban gay marriage but establish civil unions that would provide the same state rights and benefits available to heterosexual couples through marriage.

Tenuous and shifting coalitions held together in the final vote, despite a series of parliamentary moves by liberal lawmakers to stop anything from moving forward. In the end, an amendment that was disliked by the political right and the political left was approved because

it was the only measure that could draw the support of a majority of lawmakers.

“It took an awful lot of effort, and it is designed principally to find a comfortable consensus in the middle, recognizing that there are going to be people on both sides of the debate who hold sincere, deeply held, principled views,” House Speaker Thomas M. Finneran said shortly after the vote. “I’m thrilled with the outcome.”

A Boston Globe poll last month found that 53 percent of Massachusetts residents oppose gay marriage and 60 percent support civil unions. In addition, 71 percent of respondents said they want voters to be able to define marriage, not the courts or the Legislature.

The measure will next be considered during the 2005-06 legislative session, and would appear on statewide ballots for final approval if it is passed by lawmakers then.

Monday’s vote, however, has no immediate impact on the legal state of gay marriages.

# U.S. Alters Tactics in Afghanistan In Hopes to Better Relationships

By David Rohde  
*THE NEW YORK TIMES*

DWAMANDA, AFGHANISTAN

As the effort to find Osama bin Laden and uproot the Taliban intensifies, the U.S. military is shifting tactics. A mission once limited to sweeps, raids and searches has yielded in recent months to an exercise in nation building. The hope is that a better relationship with Afghan locals and a stronger Afghan state will produce better intelligence and a speedier American departure. But the tension between building schools one day and rounding up suspects at gunpoint the next makes the prospects for success far from clear.

In a village 15 miles from Pakistan, Lt. Reid “Huck” Finn, a 24-year-old Louisiana native, supervised his men as they unloaded a half-dozen wooden boxes filled with supplies marked with American flags.

Wearing helmet and flak jacket and toting an M-4 assault rifle, the 6-foot-3, 200-pound lieutenant and former West Point football star represented his family’s third generation at war. But on this afternoon his mission was not combat. It was the distribution of blankets, shirts and sewing kits to destitute Afghan

villagers.

For the previous hour, American Army medics had doled out free antibiotics, asthma medication and antacids. Finn sipped tea with Muhammad Sani, a wizened village elder, and offered to pay for a new school or well.

In a new American tactic, Finn’s platoon and two other 50-soldier platoons are expected to patrol and get to know every detail of a 15-to-25-mile chunk of Afghan territory that runs along the border.

The area holds more than 300 villages, three major ethnic Pashtun tribes, countless subtribes and a smuggling route used by Taliban and al-Qaida to slip from Pakistan into Afghanistan.

The troops’ mission is to win the trust of Afghans who have seen the Soviets, then the mujahedeen and the Taliban sweep through this area promising a better life. Now it is the turn of the Pentagon and a budget of \$40 million earmarked for such projects as village schools and wells. American soldiers are offering major reconstruction and relief aid in an area parched for it.

“The more they help us find the bad guys,” Finn explained, “the more good stuff they get.”

Both desperation and promise

appeared abundant in the isolated border areas during a three-day patrol by the company Finn’s platoon is part of. In one village, a brawl broke out over the free American blankets and sewing kits, with one man hitting another with a shovel.

In another, a teacher announced that after offering only religious lessons under the Taliban, his school now taught 400 students subjects like chemistry, physics and English. Another man said he had re-enrolled in school to become the village’s first doctor. At the age of 33, he is an eighth grader.

The Americans hope their new approach will pry information about militants from reluctant Afghans. The battle, said Capt. Jason Condrey, Finn’s company commander, centers on winning the allegiance of the population, which he called al-Qaida’s “center of gravity.”

But the same American troops still use the standard tactics of military power to achieve their aims: intimidation, overwhelming force, hands tied behind backs and faces in the dirt. Over the course of the three-day patrol, it was not clear whether they had won, or lost, more hearts and minds.

# Pentagon Sees Special Ops Veterans Drawn To High-Paying Private Sector

By Eric Schmitt and Thom Shanker  
*THE NEW YORK TIMES*

WASHINGTON

Senior American commanders and Pentagon officials are warning of an exodus of the military’s most seasoned Special Operations forces to higher-paying civilian security jobs, just as those troops are playing an increasingly pivotal role in combating terror and helping conduct stability operations worldwide.

Senior enlisted Army Green Berets or Navy Seals with 20 years or more experience now earn about \$50,000 in base pay, and can retire with a \$23,000 annual pension. But private security companies, whose services are in growing demand in Iraq and Afghanistan, are offering salaries of \$100,000 to nearly \$200,000 a year to the most experienced of them.

The CIA is also dangling such enticing offers before experienced Special Operations forces that the

Pentagon’s top official for special operations policy, Thomas W. O’Connell, told a House committee this month that intergovernmental poaching “is starting to become a significant problem.”

Evidence of a drain of seasoned special operators, including elite Delta Force soldiers, is largely anecdotal right now, but the head of the military’s Special Operations Command, Gen. Bryan D. Brown of the Army, is so concerned about what he is hearing from troops in the field that he convened an unusual meeting of his top commanders in Washington last week to discuss the matter. “The retention of our special operating forces is a big issue,” Brown said.

Last December, he gathered 20 senior enlisted Navy Seals, Army Green Berets and Air Force commandos and their spouses, at his headquarters in Tampa, Fla., for a weeklong session to discuss career-extending sweeteners, like special pay bonuses and educational bene-

fits. A task force is now reviewing those recommendations.

“The kind of people we’re training today, that are culturally aware, able to work overseas, experts with handguns and rifles, physically fit, hand-selected guys that also speak a foreign language,” Brown told the Senate Armed Services Committee last Thursday, “these kind of people are very attractive to those kind of civilian private industries that provide security services both at home and abroad.”

Brown and other senior officials acknowledged that the lucrative offers by outsiders present a rare opportunity for career soldiers to provide financial security for their families.

“They’re not leaving out of disloyalty,” said Gen. Wayne Downing, a retired head of the Special Operations Command who recently returned from Iraq. “The money is just so good, if they’re going to be away from home that much, they may as well make top dollar.”

## China Detains Three Relatives Of Victims At Tiananmen

*THE NEW YORK TIMES*

BEIJING

At least three family members of people gunned down by the Chinese military during the crackdown on dissent in Beijing on June 4, 1989, have been detained, as the authorities seek to prevent protests connected with the 15th anniversary of the massacre, relatives said Monday.

State security officers took the three, all of them women, from their homes on Sunday. Relatives said none of the three have since returned home or made contact.

The detentions came shortly after a noted Chinese surgeon and longtime Communist Party member, Jiang Yanyong, wrote to top leaders calling for an official reassessment of the massacre. The official version holds that the demonstrations in Tiananmen Square constituted a counterrevolutionary rebellion, and that the army took appropriate action in suppressing it.

## U.S. Accepts Responsibility For Deaths Of Two Iraqi Journalists

*THE NEW YORK TIMES*

BAGHDAD, IRAQ

U.S. authorities accepted responsibility on Monday for the shooting deaths this month of two Iraqi journalists at an Army roadblock, but said the soldiers had fired in self-defense.

In a brief statement, a senior military official said the two journalists, a cameraman and a reporter for Al Arabiya, a satellite channel, were traveling in a sport utility vehicle about 100 yards behind a car that was speeding toward the roadblock. The soldiers fired at the speeding car, the official said, and hit the journalists by mistake.

“We looked into this,” the official said. “We did an investigation. And we concluded that this was an accident and that the soldiers were acting in self-defense and within the rules of engagement.”

The nighttime shooting — which provoked protests and a walkout by Arab reporters during a news conference by Secretary of State Colin L. Powell in Baghdad — was the latest in a string of roadblock killings that have claimed dozens of Iraqi lives. Military officials said the driver of the speeding car was also killed after he failed to heed warnings to slow down.

Initially, U.S. military commanders had left open the possibility that the two journalists had been shot by someone other than U.S. soldiers. But the military official acknowledged that eight U.S. soldiers had opened fire and that four to six bullets aimed at the speeding car had hit the journalists.

## Trials Open Nationwide Disputing Ban on Abortion Method

*THE NEW YORK TIMES*

NEW YORK

The new federal law banning a procedure that the government calls partial-birth abortion compromises reproductive choice for women, and is vague and unconstitutional, a lawyer argued on Monday in U.S. District Court in New York, echoing statements made in California and Nebraska as challenges to the law went to trial across the country.

In defense of the law, the Partial-Birth Abortion Ban Act, Bush administration lawyers said the procedure was never medically necessary to protect a woman’s health and caused undue pain to the fetus, making the procedure inhumane.

The two sides squared off in federal courts over suits brought by doctors and abortion-rights groups against the act, which President Bush signed into law in November. In pretrial hearings, the cases drew considerable national attention as the government tried to subpoena medical records of abortions from hospitals. Appellate courts have temporarily prohibited the release of those records.

At issue is the ban that criminalizes a procedure called intact dilation and extraction, which can be used to terminate pregnancies after the first trimester. Any “overt act” to “kill the partially delivered living fetus” is banned, punishable by up to two years in prison.

## Angola’s GMO Restriction Plan Imperils International Aid

*THE NEW YORK TIMES*

JOHANNESBURG, SOUTH AFRICA

A U.N. effort to feed nearly 2 million hungry Angolans, most of them former war refugees, is imperiled because Angola’s government plans to outlaw imports of genetically modified cereals, officials of the World Food Program here said Monday.

Most food assistance from the United States, which at last count provided more than three-quarters of U.N. aid to Angola, consists of genetically modified corn and other crops that apparently would be barred under the new rules.

That includes 19,000 tons of genetically modified American corn now bound for an Angolan port. The corn — roughly a month’s supply for the U.N. food program in Angola — must be cleared for unloading by Wednesday, said Mike Sackett, the World Food Program’s director for southern Africa.

It remains unclear whether the new ban on genetically modified foods, issued March 17 but not yet formally put into effect, will prevent the unloading of the shipment, Sackett said.

Angola follows four drought-stricken southern Africa nations — Zimbabwe, Zambia, Malawi and Mozambique — in refusing foreign donations of certain genetically modified foods despite widespread malnutrition and even starvation among their citizens.

Zambia has barred genetically modified foods outright, saying their safety is unproven. Other nations, including Angola, are insisting that cereals and seeds be milled first so that they cannot germinate in local soils and thus potentially alter the genetic makeup of local crops.

The United States, which provides more than half the food aid in southern Africa and the vast bulk of genetically modified foods, has accused governments of placing political and theoretical concerns above the survival of their own people.



# OPINION



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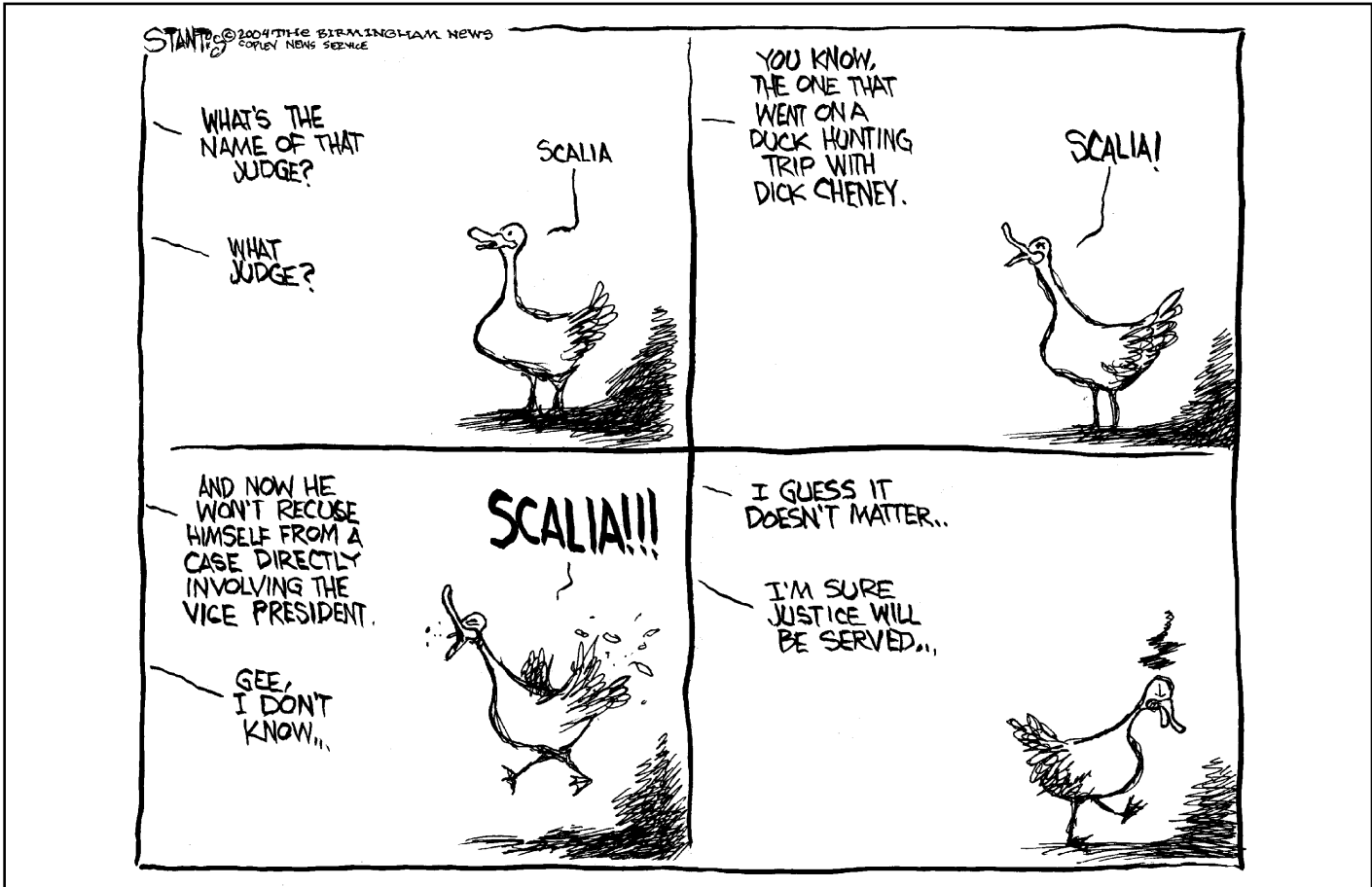
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## Letters To The Editor

### Illogical Comparisons Between Attacks

I would like to respectfully add some footnotes to Daniel Barclay's epochal column "Europe's Sept. 11" [Mar. 19], if only to remove certain flaws from its conclusions. The author suggests as a difference in reactions to terrorism, that the attacks of 2001 "heightened America's resolve to bring the perpetrators to justice," implying this is not true for Spain in 2004. In addition to being a slap in the face of the Spanish and the Spanish security services, this statement does not coincide with reality: it assumes that this resolve is somehow an exclusive quality attached to individual politicians like Mr. Aznar, or perhaps Mr. Bush. That is as wrong as the assumption that this goal is necessarily and appropriately pursued in the form of declarations of war.

He further assumes that the Spanish blamed their government for "aggressively confronting" the terrorists. This interpretation relies on the tacit assumption that the attack on Iraq was justified and suited to "confront the terrorists." It does not take into account that 90 percent of the Spanish population, then ignored by their government, rejected the idea of an attack on Iraq as illegitimate and a threat to international — and thus national — security.

Barclay further suggests that in Europe, "there are lingering, perhaps subconscious concerns that acting with too much gusto might stir up resentment, create more terrorism." Again, this is incorrect. These concerns are neither lingering nor subconscious but very consciously and explicitly expressed, not only in Europe. And paying attention to what is going on in the world, these concerns seem justified.

It is unclear what misleads the author to think that Europe "generally followed the path ... where an increased threat of international terrorism led to less vigilance" (probably not Europe's U.N.-backed involvement in Afghanistan). But he becomes more explicit about what he means by a country's "vigilance," by which he means expanding "its

presence" in other parts of the world and "heightening law enforcement operations" — in plain words, starting wars of aggression similar to the attack on Iraq, which left several thousands of people dead and uncounted crippled, including tens of thousands of Iraqi soldiers, hundreds of American soldiers, and thousands of civilians, thus multiplying the efforts of the terrorists.

Even more surprising is Barclay's enthusiastic conclusion that while the bombings in Spain bear no "greater significance" and merely "will become a footnote to history"; in contrast to that, Barclay writes that "the terrorist attacks of Sept. 11 were truly epochal ... setting the terms of international relations for the next decade" — a decade under terms set by terrorists and a policy driven by their "epochal" actions? I hope not. And frankly, I don't think so: The view that the book of history is written with blood is the view of lunatics. Every sane person — in particular any responsible statesman — will do whatever he or she can to avoid being responsible for even a footnote in such a book. I believe in reason and in reason's strength over madness. And thus I believe in a brighter future, shared by the people in Europe and the Americas, in Asia and Africa.

Sebastian Raupach G

### Israel's bin Laden

On March 22, the State of Israel fired a missile into the car of the founder of Hamas, a terrorist group operating in the West Bank and Gaza Strip that the State Department recognizes as such. This action was entirely justifiable, due to the terrible atrocities Sheik Ahmed Yassin sponsored and planned since 1987, when he founded Hamas. Since the beginning of the Second Intifada in 2000, Hamas has sent 72 suicide bombers against Israel, killing 227 Israelis, and wounding 1393 (as compiled at <http://www.us-israel.org/jsource/Terrorism/hamas.html>, and with independent verification from numerous news sites). Evidence exists linking Yassin directly with these attacks. In August 2003,

the United States listed Yassin as a Specially Designated Global Terrorist. Condoleezza Rice said on March 22, "Let's remember that Hamas is a terrorist organization and that Sheik Yassin has himself, personally, we believe, been involved in terrorist planning" (<http://www.msnbc.msn.com/id/4579005/>). Yassin opposed the peace process, as well as ever recognizing the sovereign state of Israel. He argued in the Hamas Covenant that "there is no solution for the Palestinian question except through jihad."

It is clear that he was a ruthless villain. In many ways he represents Israel's Osama bin Laden, who plans, finances, and recruits for attacks. All sovereign nations have the right to defend themselves against terror. Finally, Yassin was a terrorist, who is not endowed with the rights of civilian non-combatants, obviously. Israel's actions were therefore legal according to international law (as summarized in [http://nationalre-view.com/comment/casey\\_rivkin200403250848.asp](http://nationalre-view.com/comment/casey_rivkin200403250848.asp)).

Sam Raymond '06

## Errata

The article on MIT winning the Putnam math competition ["MIT Takes First Place At Putnam Math Test," March 19] had several inaccuracies. Several years for MIT students mentioned in the article were incorrect because of sophomore standing and should have been Daniel M. Kane '07, Timothy G. Abbott '07, Sean P. Markan '06, Pramook Khungurn '06, and Gary L. Sivek '06. David D. Shin '05 was listed with an incorrect middle initial. In a quote, Kane was referring to 18.S34, not 18.034, as a preparation class for the Putnam competition. Finally, it has been 23 years since MIT has won the competition, not 24.

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# Pledge’s Failure to Reflect Constitutional Values

Chen Zhao

In the Supreme Court last week, Michael Newdow made a courageous — if unpopular — stand for the separation of church and state, a fundamental doctrine on which this country prides itself. He may not win in his fight to rid the Pledge of Allegiance of those two pesky words, “under God,” but he made a passionate and precise argument that would put any actual practicing lawyer to shame. Anyone who witnessed his beautifully crafted 30-minute argument and the unwavering nerve evident in his skillful repartee with the justices would undoubtedly agree that his entire crusade is very American and that the founding fathers would have applauded his efforts.

When I was in elementary school, I never understood why the words “under God” were in the Pledge of Allegiance. They just did not seem to go with the flow. Now I know that there is a reason why that particular section seems so choppy. The pledge, as it was originally written, never made any reference to God. It was not until 1954 that Congress, under pressure from religious leaders, voted to add that phrase. This period being the height of the Cold War, the purpose was supposedly to differentiate ourselves from the “godless communists.” According to relatives of Francis Bellamy, the man who wrote the pledge in 1892, the insertion of the phrase likely would have upset Bellamy, who was a Baptist but left his church in dissatisfaction.

The inclusion of “under God” makes absolutely no sense whatsoever. The pledge

of allegiance ends with “one nation ... with liberty and justice for all.” That last word is the most important word in the entire pledge. Everybody who lives in this country should feel comfortable saying this pledge since we ostensibly wish to be all-inclusive.

To say that including the phrase is not against the First Amendment is absurd. It is approved by Congress, officially endorsed by the United States of America, and it is recited everywhere, most prominently in classrooms. When something that so represents our country and our government makes a direct reference to God, what could the government possibly be doing other than sponsoring religion? Sure, it is not a specific God that is mentioned and the government is not favoring one religion over another.

However, the government is actively endorsing the belief that God exists. To argue that the government is being all-inclusive when referring only to God and not the Christian God or some other specific higher being is akin to relegating all atheists in this country to insignificance. They have the right to peacefully practice their beliefs and not be bombarded with religious allusions from the government.

Proponents of the phrase “under God” often argue that children are not required to recite the pledge in class. However, if you have gone through school recently, you will know that there is no place more intimidating than a classroom full of your peers and your teacher telling you to do this or that. The kid that refuses to stand up and recite the pledge will surely feel estranged from everyone else. This is exactly the kind of pressure that will compel the child to just go along with the crowd and through this, the government is

undoubtedly impressing the idea of religion upon these children. Or the children are just clueless and just say the thing because the teacher said so. Then, in that case, the idea of “one nation under God” becomes embedded in their heads even if they receive no other education pertaining to religion.

Another favorite argument from the other side is that it is tradition, so therefore we should just leave it alone. That is the most ludicrous reason I have ever heard. Something has always been done that way, so we should just keep on doing it the same way even if it makes no sense and is inherently unconstitutional? I do not think I even need to further discuss what this country would be like if everyone just accepted that which is distasteful simply because it is tradition.

Another poor excuse often stated is that it is only two words. As Justice David Souter put it, it has become “so tepid, so dilute ... that it should be under the constitutional radar.” But this is precisely why those two words should not be there. People do not question the phrase; they just accept it blindly. In a democratic society, there is no place for blind acceptance.

The people who founded the United States of America were very clear about erecting a wall between the government and religion. The preamble of the Constitution says that the government is formed by “We, the people,” not “We, the people under God.”

The Constitution makes no mention of God at all except at the end, near the signatures, where it says “In the year of our Lord.” The first sentence of the First Amendment bans the government from making any laws “respecting the establishment of religion.” The oath with which presidents are sworn in,

contrary to popular belief, does not include the phrase “So help me God.” That was ad libbed by George Washington and the presidents since have said it, but the official oath does not include it. The phrase “In God we trust” on currency was only inserted to appease opponents after Abraham Lincoln rejected a proposal to insert Jesus Christ into the Preamble. The founding fathers, many of them deeply religious men living in a religious time, did not simply forget to include the Lord in the Constitution. They deliberately left God out because they believed that all people have the freedom to practice whatever religion they desire and they also have the right not to practice religion.

By eliminating all references to God from the government, one is not endorsing atheism or in any way being less spiritual. By rendering the government religion-free, one is only upholding the belief that all Americans have the right to believe in whatever God they chose or no God at all. Those that believe in God should feel comfortable enough with just believing that they do not need to inject it into something that is meant to express patri-

otism and to subtly trick all school children into “practicing” religion.

Are there more important issues out there? Sure, of course, there are, but the Ninth Circuit Court of Appeals deemed Newdow’s argument credible enough to agree with him and

the Supreme Court justices has deemed the issue worthy of their consideration. So, as long as we are on the topic, let’s give it real consideration, open up our minds, and see that Newdow, more than being a wacko atheist or a disgruntled father without custody of his daughter, may perhaps be right.

*When something that so represents our country and our government makes a direct reference to God, what could the government possibly be doing other than sponsoring religion?*

*The founding fathers, many of them deeply religious men living in a religious time, did not simply forget to include the Lord in the Constitution.*

## A Dud in the State House

Vivek Rao

Massachusetts residents have the dubious “privilege” of being served by not one but two elected executives who exhibit a striking lack of prudent fiscal decision making and a irreverent lack of understanding toward critical government programs. In fact, one of the few noticeable differences between President George W. Bush and Governor Mitt Romney is that the former has attained the highest seat of power in the land while the latter still aspires to do so. Romney is nothing more than a power-hungry politician who cares more about using Massachusetts as a stepping stone to national prominence than about genuinely improving the Commonwealth, and two recent developments have cemented the governor’s status as a mere nitwit who happens to work under the golden dome on Beacon Hill.

The first revolves around Romney’s proposed \$12 million John and Abigail Adams Scholarships, which would provide full tuition to state colleges for students scoring in the top quartile on the Massachusetts Comprehensive Assessment System (MCAS), the test that the state’s high schoolers are expected to pass before graduating. Romney’s plan ignores a fundamental characteristic of the MCAS, which has been administered since 1998. Like most standardized tests, the MCAS tends to result in higher scores among students who come from wealthier backgrounds. Putting two and two together (a skill which cannot necessarily be expected of Romney) would seemingly suggest that the proposed scholarships would primarily serve the interests of the state’s richest students and school districts. This has been confirmed in *The Boston Globe*, with analysis showing that more than half of the students in the wealthy suburb of Weston would qualify for the scholarships, while only about three percent of students from the significantly poorer community of Lawrence would receive the benefit.

Such a proposal is especially ludicrous given Romney’s previous policies toward public education. In order to compensate for the massive tax cuts he put in place near the start of his tenure, Romney significantly slashed the state education budget, leaving a number of communities across the state strapped for cash

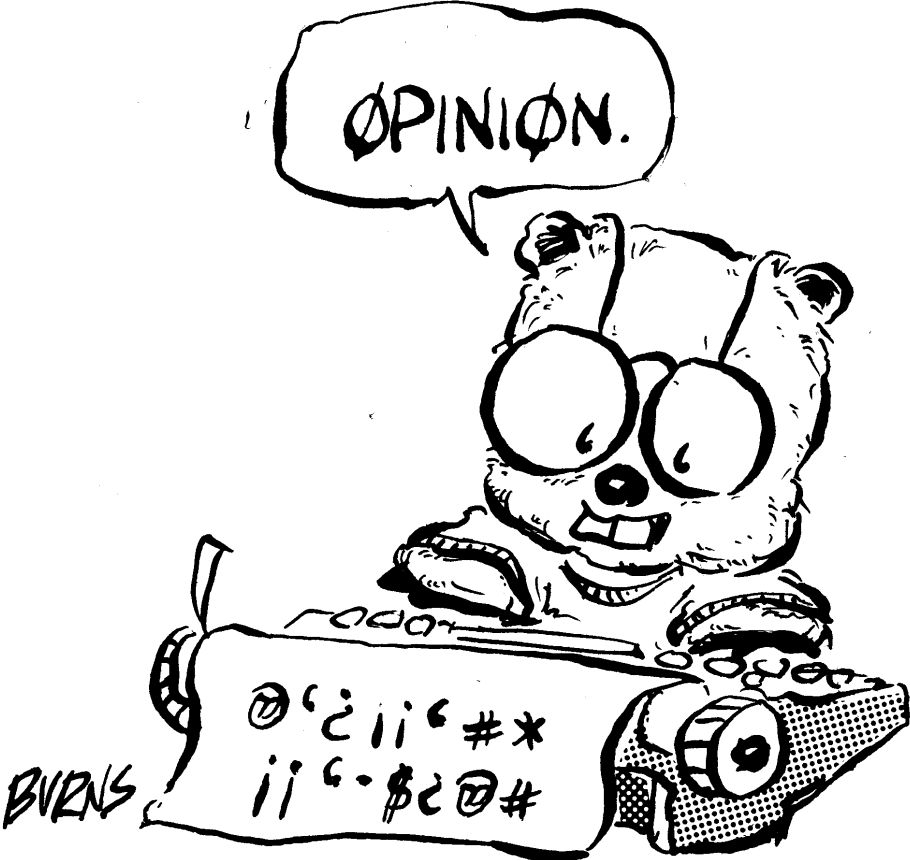
and unable to adequately support their schools. Now, Romney appears intent on directing a significant portion of the already too limited education funds toward districts that can best absorb the budget cuts. Such a plan would only punish underperforming school systems rather than improving them, further widening the gap between rich communities and their poorer counterparts. Luckily, a number of state lawmakers have already said that they highly doubt Romney’s plan will be approved, but the episode exemplifies the governor’s utter lack of concern with true progress, as well as his apparent obsession with fattening the pockets of the rich while neglecting the needs of everybody else.

Another telling development has been Romney’s bizarre opposition of the Democratic National Convention (DNC), which will take place in Boston this summer. A Republican with intense political aspirations, Romney no doubt desires to scratch the backs of nationally prominent members of his party who might soon be able to scratch his if he decides to actively pursue a new position, with the Senate and even the White

House looming on his radar. As governor, Romney’s responsibility is to put aside his biases in order to foster and facilitate a major revenue-generating event like the DNC, but unfortunately he is beneath that. He long refused to help fund the convention, and a number of state agencies under his jurisdiction have created obstacles to convention planning. Perhaps his boldest maneuver was to publicly suggest that the Democrats move the event from the Fleet-Center to South Boston, using security concerns as a thin veil for his underhanded political agenda. Even though Romney finally met with Boston Mayor Tom Menino to reaffirm his support the DNC, the governor has already revealed himself to be petty and amateurish, standing in the way of an important economic event for the city in order to further his selfish aims.

So we have a leader fixated on maintaining and expanding his political power, even at the expense of common sense. Sounds a bit like the man in the White House, doesn’t it? Too bad Romney is guaranteed two more years.

*Romney is nothing more than a power-hungry politician who cares more about using Massachusetts as a stepping stone to national prominence than about genuinely improving the Commonwealth.*



OPINION.

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# ARTS

## ALBUM REVIEW

# Pop Some Freezepop Into Your CD Player

## Sprinkle Your Life With Technicolor Pixie Dust

By Chikako Sassa  
STAFF WRITER

Fancy Ultra-Fresh  
Freezepop  
Archenemy Record Company  
May 25, 2004

As homage to spring, that pitifully brief harbinger of summer, and to all her entourage of horticulturally tinkered crocuses, tulips and dahlias in their Technicolor splendor, I recommend popping a brand new Freezepop CD into your PC. The music and the digitally enhanced goodies will deliver a mild sugar high with no nutritional value.

Freezepop's latest collection of electronic ear candy, "Fancy Ultra-Fresh," still abounds with blippy buoyancy, but is decidedly more introspective than their previous releases in a dreamy, vulnerable sort of way. Songs of puppy-slush love and celestial meanderings add a wistful touch. On the whole, their new collection is more polished and nuanced than "Freezepop Forever," though their debut predecessor excelled in sheer originality and farcical power. For example, their parodied karaoke video of "Tenisu no Boifurendo (Tennis Boyfriend)" achieves a hilarity that no high-budget high-gloss music video could hope to attain.

Freezepop endears itself to local fans in Boston and around the world by virtue of their self-mockery. Any band that comes up with songs that combines the words "duct tape" and "romance" does not take themselves seriously. The trio creates odes to urban pop culture and snazzily packages their products with the help of a talented group of digital artists and programmers,

including Liz Enthusiasm, the vocalist-cum-Web site manager and Flash moviemaker.

The Duke, who wields a hand-held sequencer by Yamaha, and the Other Sean T. Drinkwater, who mans a Roland synthesizer, make up the rest of the trio. Together, they explore the infinite possibilities of electronica music and weave together strands of plastic gems with happy vibes. Virtually any sound can be mixed, sampled, and juxtaposed to any other sound from varying historical or cultural origins. The unexpected combinations create humor and insight into quirky human behavior, Gameboys, and photons.

"Stakeout" is undeniably the cream of the crop on the album. Liz Enthusiasm sings about a hackneyed scheme of girl-ensnares-unwitting-boy with her charming combination of girly guile and stalker attitude. The lyrics are deceptively simple, and Enthusiasm is by no means an exceptional vocalist, but the celery-like crispness of her voice and deadpan delivery matches well with the polyphony of blippy electronica.

"Emotions & Photons" is the other mas-

terpiece, colored by the Duke's wistful sing-song whisper and textured by an intricate interlacing of multiple blippy melodies, kaleidoscopic and resplendent. The song would provide suitable background music for both a luxurious lull in a Sunday afternoon and a dawning sky after a night of serious tooling.

As I write this, sharing an Amtrak compartment with a group of Amish travelers,

the emotional reductionism of Freezepop is poignant against a rolling bucolic landscape of Pennsylvania. Freezepop cannot reign in a world devoid of electricity and shiny modern appliances.

The lack of emotional complexity is by choice, of course, and Freezepop is likely to prove a soft addiction for urbanites with an unexplained penchant for twizzlers and nerds.



Local electronica rockers Freezepop shine on their latest album, Fancy Ultra-Fresh.

## WMBR's Top Albums

Here are some popular new releases currently receiving airplay on WMBR:

1. **Various Artists** "Nuggets: Hallucinations"
2. **Von Bondies** "Pawn Shoppe-Heart"
3. **Eagles of Death Metal** "Peace Love Death Metal"
4. **Mountain Goats** "We Shall All be Healed"
5. **Sufjan Stevens** "Seven Swans"
6. **Scientists** "On Another Planet"
7. **Destruction Unit** "Destruction Unit"
8. **Preston School of Industry** "Monsoon"
9. **Lanterna** "Highways"
10. **Casual Dots** "Casual Dots"

To hear these and many other new releases, tune into MIT's student-staffed radio station at 88.1 FM or <http://wmbr.mit.edu>.

SOURCE: WMBR

## CONCERT REVIEW

# Get Down With the Get Up Kids

## The Kids Provide a Performance to Truly 'Write Home About'

By Phuong Nguyen and Xian Ke

The Get Up Kids  
With Rocky Votolato and Recover  
Axis  
March 12, 6 p.m.

The Get Up Kids performed a sold-out show at Axis, with Rocky Votolato and Recover as the opening acts, creating an eclectic sound ranging from heart-breaking acoustic to brain-numbing noise.

Rocky Votolato opened the show with an acoustic set of earnest, heart-tugging songs from his latest release, "Suicide Medicine."

For relatively unknown acts, it is both a blessing and a curse to be compared to existing popular acts. Votolato's uncanny resemblance in both appearance and style to Chris Carraba of Dashboard Confessional will either haunt him or propel him to popularity. At one point, a member of the audience yelled "Dashboard," to which Votolato replied, "Fuck you. ... Check the date on the albums, asshole." Whatever the comparisons, Votolato's emotional lyrics delivered in his slightly raspy voice gained him new fans that night.

When the four guys of Recover appeared on stage, it was as if the cast of "That 70s Show" had become rock musicians. The results probably would have been similarly grating on the ears. In contrast to the pop-folk style of Votolato, Recover had a metal-punk sound that at times was almost indiscernible from loud noise. The audience responded slightly more positively and even humored the lead

singer when he propelled himself onto the crowd during one song. It's likely though that at least some in the crowd were still recovering from blasted eardrums days after the show.

The Get Up Kids, five guys from Kansas City, MO, turned up on stage with beers in hand ready to rock and have a fun time. Getting the crowd going, they opened with "Coming Clean" and "Holiday," tracks off of their first two albums. They then launched into "Man of Conviction," off of their latest album, "Guilt Show." Overall, the set was evenly split between the handful of albums

that have been released, pleasing old and new fans alike. The pace of the show was also well-balanced. Ear-busting, throbbing songs were played whenever the crowd became too mellow from the more mid-tempo songs.

Contrary to their monicker, the Kids are actually all grown up, with most of the members in their late 20s. In the past few years, they have also matured musically. Straying from the high energy pop-punk sound of their youth as a band with the emo classic "Something To Write Home About," they experimented with new styles emphasizing songwriting instead of guitar-rock, much to the dismay of older fans. At one point during the concert, guitarist/vocalist Jim Suptic mocked people's unwillingness to change, proclaiming their out-of-tune guitars as providing a "punk" sound. Their progression in music style was evident in the set, a refreshing contrast to the monotony of the opening acts.

Surprisingly, songs from their new release were well received, but old songs were still the highlights of the night. "I'm a Loner Dottie, A Rebel" and a request from the audience, "Mass Pike," were crowd pleasers. Legions of adolescent and college-age boys sang their hearts out and bounced along to lyrics with themes reminiscent of an age when love, loss, break-ups, and music were everything.

The Get Up Kids saved their more experimental songs to wind down the set, playing "Is There A Way Out," a song about guilt and betrayal, which had an excessively long and mellow instrumental section. After putting the audience into a lull, the Kids rewarded and reenergized the crowd with their encore. They played the often-requested "Ten Minutes" last leaving the crowd buzzing and satisfied, while they left thinking "last night on the Mass Pike, I fell in love" with the Get Up Kids.



Mark Pryor, lead singer for the Get Up Kids, performs. The Get Up Kids played Axis on March 12.

ROBB COHEN

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SUGAR & SPICE

# Achieve a Higher Level of Chocolate Bliss

## A Comparison of Three Different Brands of Chocolate in a Flourless Chocolate Cake

By Marissa Cheng  
STAFF WRITER

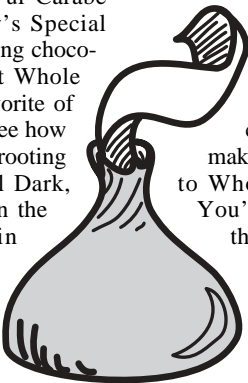
Chocolate heaven is a place that many people might think that they reach on a regular basis. If you really want to go to chocolate heaven, though, you might try making the flourless chocolate cake from “The Cake Bible,” by Rose Levy Berenbaum (look for the Chocolate Oblivion Torte). This is a cake that’s designed to showcase chocolate — it has only three ingredients, chocolate, butter, and eggs (so yes, you’re also going to cholesterol hell when you eat it).

My latest experiment, in a continuation of my chocolate experiments, involves transforming three pounds of chocolate into this cake. The three chocolates I’ve chosen are Callebaut bittersweet, Valrhona Pur Carabe (66 percent cacao), and Hershey’s Special Dark. Callebaut is my favorite baking chocolate, and is only \$6 per pound at Whole Foods Market. Valrhona is the favorite of many pastry chefs, and I’d like to see how it compares to the Callebaut (I’m rooting for Callebaut). Hershey’s Special Dark, surprisingly, always places well in the various chocolate taste tests in “Cook’s Illustrated,” so like anyone else, I’d like to know if it’s actually any good.

The cake itself is easy to make — after melting together

the chocolate and butter, you make an egg foam, fold it into the chocolate mixture, and pour into the pan. Though it only takes 15 minutes to bake, it unfortunately takes four hours to cool. If you can stand it, leave it for a few more days, and the intensity and flavor of the chocolate will deepen further (the same goes for the spices in spice cakes).

And the winner of the chocolate tasting: Callebaut. The Hershey’s Special Dark is slightly too sweet, and my tasters could certainly tell which cake was the Hershey’s in a blind tasting. The Valrhona was slightly too bitter, because of the high cacao content; I’d like to know if it would have fared better if I had added some sugar to the batter. I found the Valrhona also to have a rather flat taste,



while the Callebaut had a lot of chocolate flavor. The Callebaut was more complex than the Valrhona, while the Valrhona leaned a little too much towards coffee in its flavor. When you make your cake, go the extra distance to Whole Foods to get the Callebaut. You’ll find that it’s actually cheaper than the Ghirardelli baking bars in the supermarket (generally \$8–9 per pound), which would be my second choice. But if you really want to reach chocolate heaven, go with the Callebaut.

Flourless Chocolate Cake

- 1 lb bittersweet chocolate
- 1/2 lb (2 sticks) unsalted butter
- 6 eggs

Preheat the oven to 425°F. Grease the sides and bottom of an 8" springform pan separately. Wrap the bottom with aluminum foil, grease it again, and lock it into the sides. This prevents water from leaking into the batter. (A 9" springform will also work.)

Chop the chocolate coarsely, until the largest pieces are about the size of a marble. Cut the butter into tablespoons. Put the butter in a medium, heavy-bottomed saucepan, then put the chocolate on top. If you’re confident about your ability not to burn the chocolate, turn the heat to medium. If you’re not so confident, turn the heat to low; if you’re absolutely not confident, use a double boiler. Stir the chocolate and butter fairly frequently as they melt together — this prevents the chocolate from burning (and being ruined). Don’t skip this step.

When there are just a few small lumps left in the mixture, turn the heat off; the residual heat will melt any remaining lumps. Fill a large pot with an inch of water, and bring the water to a simmer. Crack the eggs into a large bowl, and set over the simmering water. Beat the eggs with an electric mixer or a whisk until they’re hot to the touch, about five minutes; the eggs will get foamy, and double in volume. Take the eggs off the water, and continue to beat until the egg foam cools, about three to five minutes.

With a rubber spatula, fold half of the egg foam into the chocolate mixture. When a few streaks of egg remain, fold the mixture into the remaining half of the egg foam. Pour the batter into the prepared pan.

Put the 8" springform pan into a larger pan (for example, a roasting pan). Fill the outer pan with an inch of hot water.

Bake for five minutes uncovered, then ten minutes covered with a piece of buttered foil. Resist the urge to cook the cake further (it really is done). If you think it looks too shiny on top to be done, throw away that preconception; it’s done, I promise. It doesn’t even need another minute. Cool 45 minutes, then cover and chill for at least three hours.

LECTURE/BOOK REVIEW

# Bringing the Guatemalan Genocide to America’s Attention

## Manz’s Book Compelling, But Her Lecture Falls Flat

By Katherine S. Ryan

*Paradise in Ashes: The Life and Death of a Guatemalan Village*  
Beatriz Manz  
March 16, 7 p.m.  
Room 66-110

Beatriz Manz’s new book “A Paradise in Ashes” drags the largely-ignored killings of the Mayan Indians by the Guatemalan military in the 1980s squarely to the attention of the American public. This massacre was routinely ignored in the American press while it was occurring, and only later did the facts begin to emerge. Manz intends to reinstitute a dialogue on the ethnic war; one that was, as Manz writes, worse than Bosnia and whose facts were intentionally subverted by the U.S. government.

Manz, in her appearance at MIT, gave a dry performance. Despite an initial wisecrack about her fear of technology (“If I can face the Guatemalan army, I can face a Powerpoint lecture.”), she did little to engage the audi-

ence. Her speech was delivered near-verbatim from full lecture notes that merely summarized the text. Additional photographs of people in the book brought them somewhat more to life, but she related few new personal anecdotes and avoided offering any suggestions about how the U.S. or Guatemala should have behaved differently in this moment in history. It was only after a provocative question from the audience, “Was Clinton’s apology in 1999 to the Guatemalans worth the paper it was written on?” that she palpably livened up. At first skirting the issue, pointing out the symbolic importance of a statement of regret from someone who was at the time the most powerful man in the world, she eventually launched into a tirade against the U.S. Compared to Mexico, which was incredibly generous in accepting refugees, she claimed, the U.S. has not done anything for Guatemala. She suggested that American attitudes towards immigrants are ignorant and morally repugnant; rather than reducing people to the term “illegal aliens,” she suggests that America extend

a heartfelt welcome to all Guatemalans, especially to those who are refugees of a war that America helped to sponsor.

Her book is rigorously documented and sensitively told. She brings readers first through the history of the Mayans in Guatemala, detailing how they entered into a poverty of dependence on the Latino elite, a situation made even more entrenched when a CIA-sponsored coup d’etat in 1954 instated a government associated with the economic and military power brokers of the society. The situation became increasingly dire for Mayan peasants. With the emergence of liberation theology in the Catholic Church and its promotion of collective action around 1970, a group of these peasants trekked through to the rainforest to claim uninhabited land where they could establish a village, which they called Santa María Tzejá.

Manz worked with this group of people for decades in her anthropological research, and through their eyes, she describes the calamitous events of the 1970s and 1980s, as

Guatemala descended into war. The guerrillas, generally supported by the villagers, made isolated attacks, and in 1982 the army brutally retaliated. While the village was being destroyed, one boy watched his sister being killed: “My baby sister was crying. A soldier took out a knife and opened my little sister’s stomach and threw everything out on the ground. My sister no longer cried.”

The gravity continued. People became refugees and lost touch with their families; the village was rebuilt, but was placed under military control until 1994. Hope, though, emerged in the end. Most of the refugees came back, and people returned to a more peaceful life.

Manz’s text is moving and informative. Whether Manz will come to change American attitudes about current immigration policies is questionable, but as her book starts to penetrate Barnes and Nobles around the nation, her story of the plight of one Guatemalan village will reopen a discussion on an atrocious period in history.

ART REVIEW

# ‘Son et Lumière’: Trading Spaces

## Experience the World in a New Light

By Xian Ke  
STAFF WRITER  
*Son et Lumière*  
Tuesday–Thursday, Saturday, Sunday,  
Noon–6 p.m.; Friday, Noon–8 p.m. through  
April 4  
List Visual Arts Center  
Free

Lights... Camera... Action!” One almost expects to hear those words upon entering the MIT List Visual Arts Center’s current exhibition. The title “Son et Lumière” evokes a post-war entertainment in Europe, whereby pre-programmed colored lights projected onto a building reveal a story of the structure. But lest you be mistaken, this exhibit is certainly no “Go Sox” on the Prudential Building. Rather, the level of ingenuity is closer to when MIT hackers turned the Green Building into the world’s largest sound meter one July 4 weekend.

Each of the six works combines vivid imagery and technical wizardry to stimulate

the senses. The use of electronic components to create an experience is really the only thing that the four artists and two artist teams represented have in common. Yet, the aggregate result is surprisingly well-blended, as one exhibit segues into the next as in sequences of a dream or Hollywood picture. Unlike a stereotypical art show, visitors are immersed in the physical and emotional environment of each exhibit.

Located in an inconspicuous passageway off the entrance of the gallery is Michael Mitelman’s “Hallway,” seemingly right off of the set of a horror film. The dramatic effect is exacerbated by the innovative way in which the installation interacts with the visitors’ presence. What first appears to be an interesting gimmick of projecting likenesses onto a window and reverberating sound quickly instills surprise and even fear as the complexities of the mechanisms are uncovered.

These emotions carry onto the rest of exhibition, as one is tempted to discover hidden

surprises behind the other works. Unfortunately, while the emotional impact of the other works is no less dramatic, the extent of interaction with the exhibits stops there.

Bruce Bemis’s “Bipolar Radiance” is a cleverly artistic use of an amateur figure skating film reel from 1951. The clicks of the film projector permeate the entire gallery, enhancing the surreal movie-set experience of the visit. The two spinning globes that reflect the colorful images and the visible gears that turn the reel make the production all the more intriguing.

The eerie room in Ann Lislegaard’s “Corner Piece — The Space between Us” seems as if it could be located in the same haunted neighborhood as the “Hallway.” In this case, the fear arises from the words of the woman on the prerecorded soundtrack, who is obsessively watching and commenting on the actions of another woman, or herself.

Perhaps the most captivating work in the entire exhibition is a collaboration between a former Bell Labs statistician and a visual artist

with a degree in computer science. “Listening Post” by Mark Hansen and Ben Rubin has managed to reflect the human condition in their art in a most fascinating way — by communicating near real-time commentary from the Internet. The work is visually impressive, as the unfiltered text is shown in various arrangements on an 11 by 21’ matrix of LCD displays. The effect is at once overwhelming and insightful, disturbing and intriguing.

Jessica Rylan’s “The Voice of Theater,” located across the hall from the main gallery, and Jennifer Allora and Guillermo Calzadilla’s “Traffic Patterns” round out the exhibit. Though both deliver on interesting concepts in creating an ambiance, they are the weakest among the various works.

So next time you have a break on campus, it is worth your while to pop by the List Visual Arts Center to see, hear, and experience the exhibits. The entrancing sounds and images might just cause you to be transported to a world without classes and deadlines.

We are artsy. Come and join us.  
*join@the-tech.mit.edu*



Trio

RICK VS. THE BURSAR'S OFFICE NINJA: [alum.mit.edu/www/emie](http://alum.mit.edu/www/emie)

by Emezie Okorafor

I can't believe I yelled at Bobby like that, just because I was jealous of Rick. And, Rick...I haven't seen that guy in WEEKS! But, after the way I got mad at him, it's no surprise that he doesn't want to be around me. Sigh...I pushed away the two people who care about me the most. What came over me? It's totally unlike me to be so...EMOTIONAL...

Well, I refuse to succumb to such a stereotypical depiction of the female sex! I am not some weak, hysterical creature controlled by her own emotions! I am a strong, sensible woman with confidence and reason! And, as a RATIONAL human being, I'm certain that I can find a SENSIBLE way to deal with whatever emotions I may have swimming around in me right now...

...like loneliness, rejection, guilt, self-doubt, sadness...uh...regret... and, um...helplessness...and heartbreak...and err...did I mention loneliness? A lot of loneliness...

Hmm. On second thought, the whole "rational", "sensible" approach to soothing painful emotion is a bit too hard...

Time for plan B...self-indulgence.

GIVE ME ALL OF YOUR CHOCOLATE!!! NOW!!!

CHESTER'S CANDY STORE



PILED HIGHER AND DEEPER



DECIPHERING ACADEMESE

YES, ACADEMIC LANGUAGE CAN BE OBTUSE, ABSTRUSE AND DOWNRIGHT DAEDAL FOR YOUR CONVENIENCE, WE PRESENT A SHORT THESAURUS OF COMMON ACADEMIC PHRASES

"To the best of the author's knowledge..."

=

"WE WERE TOO LAZY TO DO A REAL LITERATURE SEARCH."

"It should be noted that..."

=

"OK, SO MY EXPERIMENTS WEREN'T PERFECT. ARE YOU HAPPY NOW??"

"Results were found through direct experimentation."

=

"WE PLAYED AROUND WITH IT UNTIL IT WORKED."

"These results suggest that..."

=

"IF WE TAKE A HUGE LEAP IN REASONING, WE CAN GET MORE MILEAGE OUT OF OUR DATA..."

"The data agreed quite well with the predicted model."

=

"IF YOU TURN THE PAGE UPSIDE DOWN AND SQUINT, IT DOESN'T LOOK TOO DIFFERENT."

"Future work will focus on..."

=

"YES, WE KNOW THERE IS A BIG FLAW, BUT WE PROMISE WE'LL GET TO IT SOMEDAY."

"...remains an open question."

=

"WE HAVE NO CLUE EITHER."

JORGE CHAM © 2004

[www.phdcomics.com](http://www.phdcomics.com)

Crossword Puzzle

Solution, page 14

ACROSS

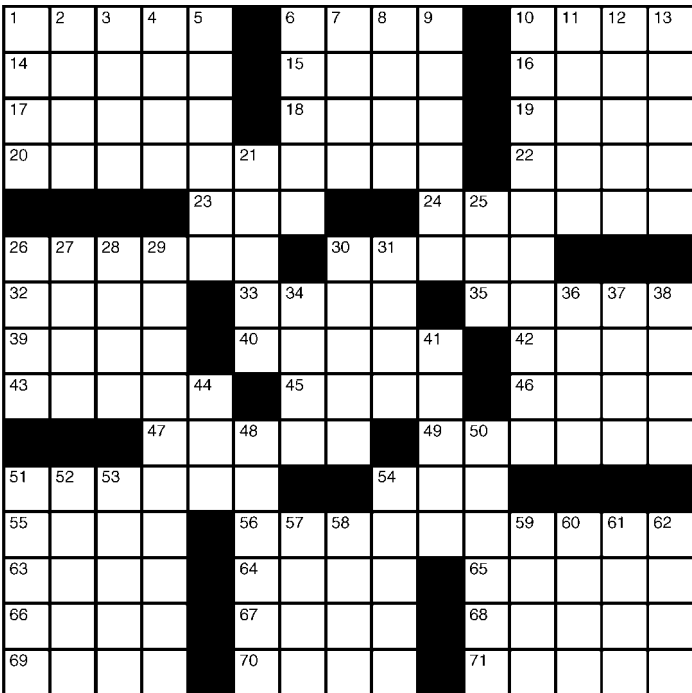
- 1 Vegetable dish
- 6 Caesar and Luckman
- 10 Crown of light
- 14 Grenoble river
- 15 Gardening soil
- 16 Of the mouth
- 17 Actor Kline
- 18 Gudrun's victim
- 19 Boot camp hall
- 20 Icy Colorado forecast
- 22 Facility
- 23 DDE's rival
- 24 Writer Lurie
- 26 Takedown
- 30 Austin resident
- 32 Cosmo rival
- 33 New or raw follower
- 35 Hat parts
- 39 Getz or Musial
- 40 Spicy condiment
- 42 Drugstore chain

- 43 Caruso or Domingo
- 45 Virginia dance
- 46 Road safety grp.
- 47 Slanted ltrs.
- 49 Portugal's peninsula
- 51 Trumpet's cousin
- 54 Arab cloak
- 55 Copycat
- 56 Shorebird of Switzerland
- 63 Stable locks
- 64 Love god
- 65 "The Hundred and One Dalmatians" author Smith
- 66 Zest
- 67 Chihuahua child
- 68 The "in" crowd
- 69 Norway capital
- 70 Martin or Rusk
- 71 Discourage

DOWN

- 1 Monotheistic Hindu
- 2 Not in port
- 3 Son of Leah
- 4 Seed protector
- 5 Not guilty plea
- 6 Some Eastern Europeans
- 7 Smidgen
- 8 Surrealist painter
- 9 Greenbrier
- 10 Residence on the Tiber
- 11 Vicinities
- 12 Rodeo rope
- 13 Mary Kate or Ashley
- 21 Requirements
- 25 Science milieu
- 26 Trial by fire
- 27 Der \_\_\_ (Adenauer)
- 28 Family group
- 29 Nevada gambling

- 30 Stories
- 31 Other
- 34 British peer
- 36 Munich's river
- 37 1401
- 38 Pop starter?
- 41 Suspect story
- 44 Map abbr.
- 48 Go to
- 50 Like marked birds
- 51 Walk-on part
- 52 Iridescent gemstones
- 53 Of the kidneys
- 54 Williams of "Happy Days"
- 57 Southernmost Great Lake
- 58 Barrett of gossip
- 59 Tree trunk
- 60 Fix a column
- 61 Religious ceremony
- 62 \_\_\_-do-well



Not laughing yet? Then draw your own comic for *The Tech*!

Submit to [features@tt.mit.edu](mailto:features@tt.mit.edu)

(Come on now, you know you want to...)





**FoxTrot** by Bill Amend

**Dilbert®** by Scott Adams

# Miami Spring Break (And I ran...)

By Brian Loux  
EDITOR IN CHIEF

One of my tongue-in-cheek lenton vows this year was to have a “real” spring break, this year being my last real chance to do so. My trip to Miami was an attempt to have just that. I failed. But, amidst the sun, the sand, and the anachronistic feel of the 1980s, I did get a lot of stories.

### Friday

After a short drive from Ft. Lauderdale, we arrive at our Miami hotel late in the day. We decide to take it easy tonight and just soak in the scenery and warm temperatures from the cars. We aim for dinner in little Havana.

About five minutes onto the road, I realize that this plan is doomed because nobody knows where little Havana is. And so, in under four or five hours of arrival, tensions begin to rise as our crew hastily barks orders as to where to turn. This eventually leads the driver to ask for directions in a local neighborhood we stumbled into. As he talks to an older black woman about getting to little Havana, I quickly pick up on her accent and the surrounding location. We are in little Haiti. If you know your GTA: Vice City like I do, you’ll understand what happens next. I hide in my seat and pray to god. It turns out that there is no race war, and the lady’s Cuban neighbor gives us proper directions. We still get lost anyway, and end up eating at a place that at least looked authentically Cuban.

### Saturday

Our first official carefree day at the beach. I actually make the mistake of not putting on sunscreen. This traditionally hasn’t been a problem; I occasionally forgot to use sunscreen in Honduras without repercussion. So when when my friends begin to yell at me to get going, I figure I can afford to skip it for a day.

For that I become the trip’s joke. I am not just red, I am red like that character in the movie “Hellboy.” My sunglasses leave

me with a very well defined raccoon-like band around my eyes. All that I can do is wear sunglasses for the entire day and night, dress in red shirts so the burn blends in, and take the frequent stares and giggles from people on the street.

Saturday also marks the first day to go to clubs. It turns out, however, that one of our group members already made plans to go to the CroBar with a group of girls from McCormick Hall that also happened to journey to Miami. Biting my lip to suppress my anger, I don a nice pair of khakis and get into a cab. I flew 1500 miles to party with more MIT people? I can already see how this night is going to go.

The first confirmation that I’m in hell is a 40-year old gentleman in a Marilyn Monroe dress welcoming us to the club. Conjuring up ways to better my situation, I suddenly realize that I have left my ID back in the hotel room, and am forced to make a 26 block dash northward.

I call up my friend once I reach the hotel. “I’m back in the room. But is it worth the trip back?” I ask.

“Bloux,” he says with a deliberate and exasperated three-second pause, “It’s not worth it.” Knew it.

I watch the NCAA tournament until I pass out.

### Sunday

Unfortunately, the sunburn sapped so much of my energy that I am not able to get out of bed until 4 p.m. On the plus side, I get to watch my NCAA bracket suffer a fate that would make Custer cringe all from the comfort of my hotel bed. I begin to worry that I’m slipping back into my MIT sleeping habits after that night.

While I sleep however, the turning point of the trip occurs. One friend has been fortunate enough to meet (read: be pursued by) a girl at the CroBar the night before. They exchange phone numbers and her entourage of three meet up at the beach today with everyone but myself. The original pair decide that they should all meet for dinner.

My friend now needs three wingmen. This is, of course, where I come in.

I think I do a wonderful wingman job. I make pleasant conversation, work the table, joke around politely, and praise my friend. I even share a spark with one of the girl’s friends. The only problem is my friend has lost interest in the girl he met. She is visibly depressed, and he is visibly focused on his steak. The two reluctantly fake like they are having a good time and say that we should all go to a club, which we do.

After a few minutes of sitting on the reserved beach outside the club, my friend tells me that he’s done for the night. He wants no more. Clearly, there must be some civilized, mature way to deal this situation. He can talk to his date and part as friends, while I can still smooth things over with my date and continue on as if nothing has happened. This can be done.

We tell them we’ll be back soon. He hops into a cab; I run onto the beach and dash 36 blocks back to the hotel.

(Honestly, I probably got a good 15 miles of running done over a period of four days. Boston marathon, here we come.)

### Monday

As punishment for my sins, my sunburn begins shedding. Because the sunburn is all over my body, I leave a damn dustcloud wherever I go.

While carousing the streets, I buy my only souvenir of the trip: a large Scarface poster. Nothing says Miami like Tony Montana.

Later that night, the same friend from before tries his luck with the ladies again at a different club. I turn down another wingman offer, only to see him successfully hit on two attractive dancers with another buddy. I soon prove to be the luckier of the two, however, as another patron tries to start a fight with my friend over the girls. Poor guy just can’t win.

### Tuesday

Today I declare war on Lil’ Jon, Usher,

and J-Kwon. Ludacris misses the cut because he does not appear in the beginning of the song “Yeah.” You cannot go five minutes without hearing “Yeah” or “Tippy” on one channel or another. And even if you shut your own radio off, you’ll end up next to some other car full of stupid white people nodding their heads and singing along. So you go to the beach, because you think that is a safe haven. Yet some beachfaring youth has brought a cooler full of beer and a boombox to blast out the same five songs all throughout the sandy shores. You are then doubleteamed by the radios from the shoreside hotels and restaurants blasting the same exact tunes in an attempt to entice beachgoers to stop on by, but all it really leads to is a giant cacophony of “YEAH ... OHHH-KAYYIE!” This is how I felt when 14 of the 16 LAMP channels were devoted to the Ben Folds Five and Coldplay albums.

We head to a local casino that night and I try to best the grandmas at bingo. When that fails, I try seven card stud. When that doesn’t work, I figure I’ll just quit and let the old bastards bleed me slowly through social security taxes.

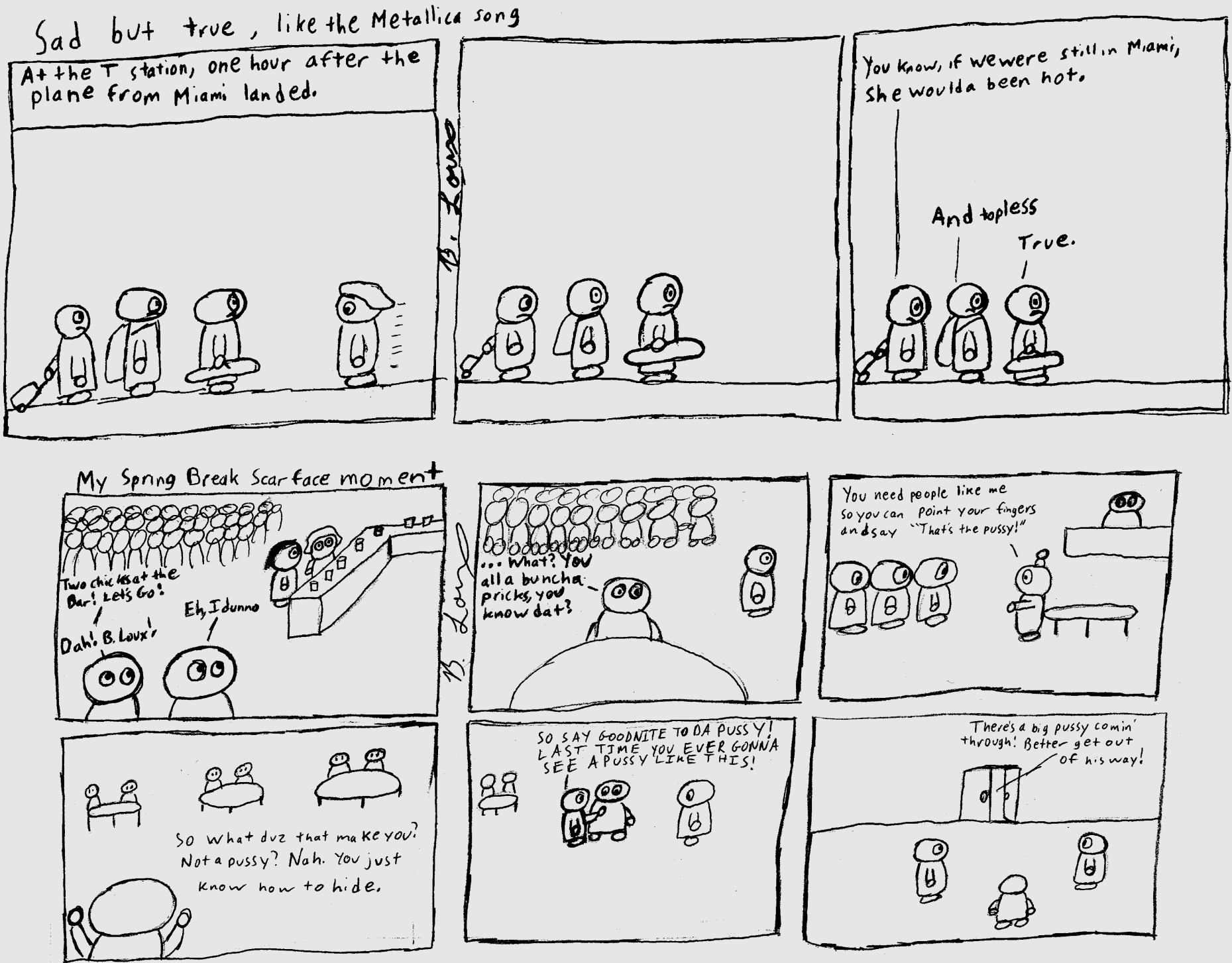
### Wednesday

We drive to the everglades to see the beauty of untouched wildlife, through the Keys to watch the sun play along the water, then eat at Arby’s for the \$1.99 beef n’ cheddar. Gotta save money somewhere.

### Thursday

Ending the trip in a fashion truly befitting of MIT; we spend our final free hours at a combination go-kart / arcade.

And with that, I board a plane bound for colder climates with nothing to show for it but pinker skin and a 6 by 4’ poster. Sure, the spring break wasn’t as “real” as I had hoped, and a lot of things could have been done better, but the only thing I regret is not partaking in the Miami tradition of building your own criminal empire. It’s spring break, man. You’re not supposed to have goals.

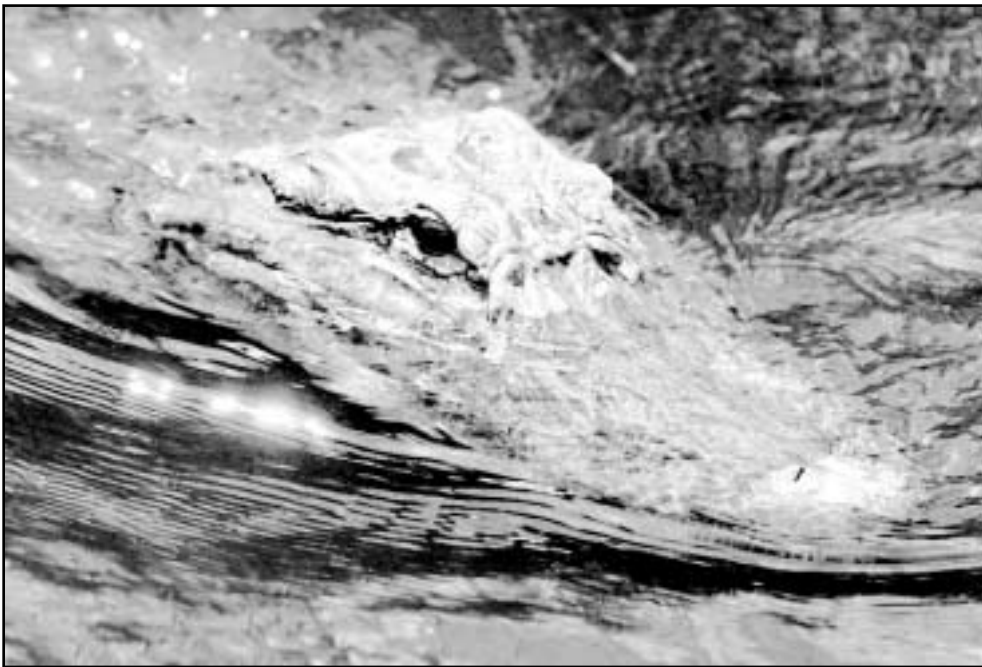




# Spring Break Photojournal



Miami's South Beach is miles of white sand, turquoise water, pernicious rip currents and deadly jellyfish, all conveniently abutting the boardwalk, under enough sun to fry the paler of the bunch.



An alligator, a common sight in the Florida Everglades, edges towards our tour airboat. Our guide enticed the 'gators to come closer with marshmallows.



A go kart races past the photographer's crippled machine on the last glorious day spent in the Florida sunshine.



Our crew braves the dangers of the Floridian riptides and heads into the Atlantic waters.



We all grab a lunch at a Cuban diner in the south end of Miami Beach.



# To Our Readers:

Dear reader,

The Tech is interested in hearing feedback about what could be done to make the Events Calendar more useful. Please feel free to send your responses to *features@tt.mit.edu*. While we seek answers to the specific questions below, other comments about the section are greatly appreciated.

- How often do you use *The Tech*’s Events Calendar?
- Are you more likely to use it on or for a certain day of the week? Do you search for events days in advance?
- Do you prefer *The Tech*’s calendar to the one on the MIT Web page? Why or why not?
- Do you look for new events that may interest you or do you look for information about an event you already know is happening?
- Do you like the chronological layout or would you prefer one grouped by type of events?

# Events Calendar

Visit and add events to Events Calendar online at <http://events.mit.edu>

Tuesday, March 30

**8:30 a.m. - 6:45 p.m. – Engineering Systems Symposium.** The Symposium will explore the emerging field of engineering systems. Prominent speakers from industry and government will describe issues and challenges in engineering systems based on their real world experiences. Academics from MIT and other leading universities will discuss advances in engineering systems research and education. See [http://web.mit.edu/afs/athena.mit.edu/org/c/conf-serv/www/ESDEX/ESDEX\\_info.html](http://web.mit.edu/afs/athena.mit.edu/org/c/conf-serv/www/ESDEX/ESDEX_info.html). Room: Wong Auditorium. Sponsor: Engineering Systems Division.

**10:00 a.m. – Undergraduate Admissions Office Information Session (Followed by Campus Tour).** Undergraduate Admissions Office Information Session gathers at the Admissions Reception Center (10-100). Groups over 15 people need to make special reservations. Free. Room: Admissions Reception Center, (10-100). Sponsor: Admissions.

**10:00 a.m. - 11:00 a.m. – WHOI Donut and Coffee Hour.** Come join your classmates for some post-bus, pre-classes refreshments! Free. Room: WHOI Student Center. Sponsor: WHOI Student Organization.

**12:00 p.m. - 1:30 p.m. – Transformation of the Modern Liberal State: War, Politics and Rights.** Brown bag lunch. Free. Room: E38-615. Sponsor: Security Studies Program.

**12:00 p.m. - 1:00 p.m. – Modern Optics and Spectroscopy.** “Chemical Dynamics with Ion Imaging.” Free. Room: 34-401. Sponsor: Spectroscopy Laboratory. Dept. of Electrical Engineering and Computer Science and School of Science.

**12:00 p.m. - 2:00 p.m. – Queer-Straight Relationships 101: The ups and downs of Connecting with Friends, Roommates, Friends With Benefits (FWBs), and Family.** Bring Your Own Lunch! Stop by the Rainbow Lounge to chat with other LGBTQ students and staff about topics that matter to you! For MIT students. MIT staff/faculty that are interested in attending should contact event organizer first. Free. Room: Rainbow Lounge 50-306. Sponsor: lbg@mit.

**12:00 p.m. - 1:00 p.m. – Orientation to Computing at MIT.** Free. Room: N42 Demo Center. Sponsor: Information Services and Technology.

**12:05 p.m. - 12:30 p.m. – Mass.** Free. Room: MIT Chapel. Sponsor: Tech Catholic Community.

**2:00 p.m. – Undergraduate Admissions Office Information Session (Followed by Campus Tour).** Groups over 15 people need to make special reservations. Free. Room: 10-100. Sponsor: Admissions.

**2:30 p.m. - 3:30 p.m. – Dimpling and Buckling of Viscoelastic Free Surfaces.** Free. Room: 2-338. Sponsor: Physical Mathematics Seminar.

**2:30 p.m. - 3:30 p.m. – Joint Tufts/CfA/MIT Cosmology Seminar.** The Anthropic Landscape of String Theory. Free. Room: Kolker Room (26-414). Sponsor: Laboratory for Nuclear Science.

**3:00 p.m. - 4:00 p.m. – MITea Time – Culture Exchange – English Chinese Class.** Our free English Class is good for new comers to get start their English conversations in a very friendly environment. It is also good for people who have interest on learning the American culture, American life styles, etc. Lots of interesting topics and discussions will be a good start for your English learning. Feel free to come and have wonderful discussions with our Native American teachers. Refreshment will be served. Free. Room: 36-156. Sponsor: Chinese Student and Scholar Association, Graduate Student Council. MIT CSSA & GSC.

**3:00 p.m. – Varsity Baseball vs. Babson College.** Free. Room: Briggs Field.

**3:30 p.m. - 5:00 p.m. – MTL VLSI Seminar Series.** Embedded DSP for Wireless Systems. Free. Sponsor: MTL VLSI Seminar.

**4:00 p.m. – MIT Pchem Seminar, Dr. Robert Tycko, National Institutes of Health (NIH).** Location: 4-270 Title: “The Amyloid Folding Problem: Insights from Solid State NMR” Dr. Robert Tycko, National Institutes of Health (NIH) MIT Physical Chemistry Seminar Series GTL Seminar Series. “Propagation and Decay of Shock Wave in Turbofan Engine Inlets.” Free. Room: 31-161. Sponsor: Gas Turbine Laboratory.

**4:15 p.m. - 5:30 p.m. – GTL Seminar Series.** “Propagation and Decay of Shock Waves in Turbofan Engine Inlets.” Free. Room: 31-161. Sponsor: Gas Turbine Laboratory, AeroAstro.

**4:30 p.m. - 6:00 p.m. – Ask-A-Health-Educator.** Drop in for a confidential visit to find out about stress reduction and wellness topics like sleep, time management, tension relief, or concerns about a friend facing eating disorders, depression, or other issues. Free. Room: Z Center first floor-Kasser Sports Medicine Center. Sponsor: MIT Medical, Department of Athletics, Physical Education and Recreation.

**5:00 p.m. - 9:00 p.m. – Rainbow Lounge Open.** MIT’s resource lounge for lesbian, bisexual, gay, transgender, and questioning members of the community offers a place to hang out, various activities, and a lending library during its open hours. Free. Room: Rainbow Lounge (50-306). Sponsor: lbg@mit.

**5:30 p.m. – authors@mit - Pablo Boczkowski.** Please join us as Sloan School Professor Pablo Boczkowski introduces his brand new book, Digitizing the News, an investigation of how daily newspapers in America have entered the online world. His findings show that new forms of media emerge not just in bursts of revolutionary change but by an innovative merging of existing media structure and practices with new technology. Pablo J. Boczkowski is Cecil and Ida Green Career Development Assistant Professor of Organization Studies at the MIT Sloan School of Management. Digitizing the News is published by The MIT Press, 2004. Free. Room: E25-111, 45 Carleton Street. Sponsor: The MIT Press Bookstore. MIT Libraries.

**5:30 p.m. - 7:30 p.m. – MIT Men’s Rugby Practice.** Ever wanted to learn a cool contact sport? Rugby is a traditional English game requiring good hands, quick feet, and balls of leather. Bring friends, relatives and anyone interested in learning the fantastic and elegant game of rugby. All ages/ sizes & experience levels welcome. Free. Room: Johnson Outdoor Turf. Sponsor: Rugby Football Club, MIT, Edgerton House Residents’ Association.

**6:00 p.m. - 7:00 p.m. – the mit e-club weekly tuesday meeting.** the regular weekly tuesday meeting of the mit entrepreneurs club, aka: the e-club, an mit service organisation, where students, faculty, staff and alum gather to pitch, hear, crit and discuss their new science and technology start-up ideas, network, build 50k or independent founders’ teams, and more; stay for our mit 6-credit seminar sem.095 on tech start-ups (sem.089 in fall term). Free. Room: 56-114. Sponsor: Entrepreneurs Club.

**6:00 p.m. - 7:00 p.m. – Tuesday Evening Toastmasters @ MIT: Weekly Club Meeting.** At Toastmasters, members learn by speaking to groups and working with others in a supportive environment. Typical meeting consists of: Prepared Speech session (2-3 members present speeches based on projects from the Toastmasters International Communication and Leadership Program manuals. Projects cover such topics as speech organization, voice, language, gestures, and persuasion.), Table Topics session (Members present 1-to-2-minute impromptu speeches on assigned topics.), and Evaluation session (Every prepared speaker is assigned an evaluator who points out speech strengths and offers suggestions for improvement.). Guests are welcome. Free. Room: 2-142. Sponsor: Tuesday Evening Toastmasters @ MIT.

**6:00 p.m. - 8:00 p.m. – Opening Reception: MIT Glass Studio Exhibition.** This exhibit traces the work of student glass artists as they learned to make glass tiles by pouring molten glass into sand molds. Exhibit on view through April 13. Gallery open 24 hours/day. Free. Room: Wiesner Student Art Gallery (Stratton Student Center 2nd floor). Sponsor: Office of the Arts. Student Art Association.

**6:00 p.m. – Varsity Women’s Lacrosse vs. Babson College.** Free. Room: Jack Barry Field. **6:00 p.m. - 7:00 p.m. – Treasurer Training - Student Groups.** Training for ASA student groups and residence hall student governments. Includes information about good business practices, accessing student groups accounts online as well as information about funding sources available on campus. Free. Room: 4-231. Sponsor: UA Finance Board, Student Life Programs, GSC Funding Board.

**6:30 p.m. - 9:30 p.m. – Perspectives on the World Christian Movement.** Learn more about God’s purposes in the world. See link for details. Pickup from Alewife @ 6 - please email [eric@neperspectives.org](mailto:eric@neperspectives.org) to confirm a ride. Rides back to Alewife guaranteed, Rides directly back to MIT are possible. <http://www.neperspectives.org/tuitionMA.htm>. Room: CBCGB, Lexington, MA. Sponsor: Chinese Bible Fellowship, Asian Christian Fellowship.

**6:30 p.m. – Swiss Festival: “Valerio Olgiati – Projects.”** Architecture lecture by Valerio Olgiati, Mendrisio; architect, Zurich. Free. Room: 10-250. Sponsor: Department of Architecture.

**7:30 p.m. - 8:00 p.m. – CCC Tuesday Prayer.** Join student from MITCCC before Large Group to lift our lives, our campus, and this world up to God in prayer. Free. Room: Student Center, PDR1&2. Sponsor: Campus Crusade for Christ.

**7:30 p.m. - 9:30 p.m. – Watermelon Woman.** Wondering at the end of Women’s History Month whether black women’s history matters? Lesbian history matters? Black lesbian history matters? How we might connect with any of these hidden histories? Free. Room: 1-132. Sponsor: OWILLTS.

**7:45 p.m. - 9:15 p.m. – Graduate Christian Fellowship Bible Study.** Currently studying “Experiencing God” (Blackaby and King). Free. Room: Eastgate. Sponsor: Graduate Christian Fellowship.

**8:00 p.m. - 9:00 p.m. – CCC Large Group.** MIT CCC hosts weekly meetings on Tuesdays at 8 PM in the Student Center. We meet in Private Dining Rooms (PDR) 1 & 2 on the 3rd floor. Come to worship, learn something new about Christ, and catch up on the daily lives of each other. Free. Room: Student Center, PDR 1&2. Sponsor: Campus Crusade for Christ.

**8:00 p.m. - 10:30 p.m. – Contra Dance for All.** Dance with a partner (we’ll provide) and a group to jazz live music. All dances taught; all skill levels welcome. Contra Dance is a traditional American form of folk dancing, directed by a caller and accompanied by exciting live music. It uses easy-to-learn walking steps. You dance with a partner, changing partners each dance, in a line of couples called a ‘set’ and interacting with your partner and all the other couples in a big group-theoretic pattern. A caller first explains each dance in a ‘walk-through’ and then continues to prompt you during the dance. Light refreshments are served at the break halfway through. Caller: Chris Ricciotti Live Music: einstein’s little homunculus Every other Tuesday (usually). MIT students free; other students \$3; non-students \$5. Room: Walker Memorial: Morss Dining Hall. Sponsor: Folk Dance Club. Music for Robin.

**8:00 p.m. - 10:00 p.m. – MIT Concert Band Rehearsal.** The Concert Band, a student-run performance group, rehearses twice per week. We welcome students of all levels of musical experience. Free. Room: W20-3rd Floor, 20 Chimneys. Sponsor: Association of Student Activities, Concert Band.

**8:00 p.m. - 8:30 p.m. – MIT Debate Team Meeting.** MIT Debate Team Meeting. Free. Room: W20-423. Sponsor: MIT Debate Team.

**9:00 p.m. - 11:00 p.m. – LIVEmusic@theEAR: Christie Leigh.** Must be over 21. Proper ID required. Free. Room: The Thirsty Ear Pub. Sponsor: The Thirsty Ear Pub.

Wednesday, March 31

**8:30 a.m. - 6:45 p.m. – Engineering Systems Symposium.** The Symposium will explore the emerging field of engineering systems. Prominent speakers from industry and government will describe issues and challenges in engineering systems based on their real world experiences. Academics from MIT and other leading universities will discuss advances in engineering systems research and education. Room: Wong Auditorium. Sponsor: Engineering Systems Division.

**10:00 a.m. – Undergraduate Admissions Office Information Session (Followed by Campus Tour).** Groups over 15 need to make reservations. Free. Room: Admissions Reception Center, (10-100). Sponsor: Admissions.

**11:00 a.m. - 12:00 p.m. – Optics & Quantum Electronics Seminar Series.** Detecting Gravitational Waves with interferometers. Free. Room: 34-401A. Sponsor: Optics.

**11:00 a.m. - 1:00 p.m. – MIT/CRE Career Services Presentation.** Leaders in Real Estate. Free. Room: W31-301. Sponsor: Center for Real Estate.

**12:00 p.m. - 1:00 p.m. – GAME Lunchtime Seminar Series.** Room: 1-242. Sponsor: Graduate Association of Mechanical Engineers, GSC Funding Board.

**12:00 p.m. - 1:00 p.m. – Computer Security Quick Start.** Free. Room: N42 Demo Center. Sponsor: Information Services and Technology.

**12:00 p.m. - 3:00 p.m. – EHS All Staff Meeting.** Free. Room: N52-496. Sponsor: EHS.

**12:15 p.m. - 12:45 p.m. – Mid-Day Prayer.** Brief service of prayer in the Episcopal/Anglican tradition. All are welcome. Free. Room: MIT Chapel. Sponsor: Lutheran-Episcopal Ministry.

**12:30 p.m. - 1:30 p.m. – Chatter by the Charles Toastmasters Meeting.** At Toastmasters, we improve our communication and leadership skills through prepared and impromptu speaking opportunities. Gain confidence as a public speaker and have fun at the same time! Guests are always welcome at Chatter by the Charles meetings. Free. Room: E19-429. Sponsor: Toastmasters, MIT Organization and Employee Development, Human Resources, Training at MIT.

**2:00 p.m. – Undergraduate Admissions Office Information Session (Followed by Campus Tour).** Groups over 15 people need to make special reservations. Free. Room: Admissions Reception Center, (10-100). Sponsor: Admissions.

**3:00 p.m. - 4:30 p.m. – Isshinryu Karate Workout.** Traditional Okinawan Karate in a Small Club Environment. Free. Room: Rockwell Cage Half-Court. Sponsor: Isshinryu Karate-do at MIT.

**3:00 p.m. - 5:00 p.m. – spouses&partners@mit weekly meeting: Eating Well on a Small Budget.** Come learn how to feed your family healthy and energizing meals on a grad student/postdoc budget. Marlisa Febbriello from the Center for Health Promotion and Wellness will share her expertise with us. This program will start at 4 p.m. Childcare provided. Free. Room: W20-400. Sponsor: spouses&partners@mit, MIT Medical.

**3:00 p.m. - 4:00 p.m. – Earthscope: A “telescope” looking at and in the Earth.** Free. Room: 37-212. Sponsor: AeroAstro, Massachusetts Space Grant Consortium.

**4:00 p.m. - 5:00 p.m. – HPCES Seminar.** On graph similarity and web-searching. Free. Room: MIT Rm 4-237. Sponsor: Singapore-MIT Alliance/HPCES.

**4:15 p.m. - 5:15 p.m. – Linkages and their Applications.** Reception at 3:30 PM in Room 2-349. Free. Room: Room 2-338. Sponsor: Combinatorics Seminar. Department of Mathematics.

**5:00 p.m. - 6:30 p.m. – What good is evil? Scientific and Theological Perspectives.** A panel discussion on the nature of evil. Panelists include: James Carroll, Boston Globe columnist and author or “An American Requiem”; Thomas Lewis, author of “A General Theory of Love”; and Michael Himes, professor of theology, Boston College. Prof. Joshua Cohen, Head, MIT Department of Political Science, will moderate. Free. Room: 3-270. Sponsor: The Technology and Culture Forum at MIT.

**5:00 p.m. - 9:00 p.m. – Rainbow Lounge Open.** MIT’s resource lounge for lesbian, bisexual, gay, transgender, and questioning members of the community offers a place to hang out, various activities, and a lending library during its open hours. Free. Room: Rainbow Lounge (50-306). Sponsor: lbg@mit.

**5:10 p.m. - 6:15 p.m. – Worship Service (Holy Communion).** All students, staff and faculty are welcome at our weekly worship service. Free. Room: MIT Chapel. Sponsor: Lutheran-Episcopal Ministry.

**6:00 p.m. - 8:00 p.m. – Graduate Christian Fellowship Bible Study.** Come join us for Bible study, prayer, and fellowship! We are currently studying the book of Acts. Free. Room: 66-369. Sponsor: Graduate Christian Fellowship, GSC Funding Board.

**6:00 p.m. – Lewis Mumford’s City and Films of the New Deal.** HTC Film Series. Free. Room: 3-133. Sponsor: History, Theory and Criticism of Architecture and Art.

**7:00 p.m. - 9:00 p.m. – CCC Servant Team.** Our staff member Mike Bost facilitates Leader Life Group from 7 to 8:15 p.m. We have a Servant Team meeting from 8:15 to 9 p.m. Free. Room: CFL (Basement of W11). Sponsor: Campus Crusade for Christ.

**7:30 p.m. – This Just In.** Esteemed journalist Bob Schieffer, chief Washington correspondent for CBS News and moderator of Face the Nation, reveals insights from his new memoir chronicling 40 years of journalism. How has the business of news influenced politics and shaped public opinion? Has the news media gained too much power? Free. Room: 3 Church Street; Harvard Square. Sponsor: Board of Chaplains. The Cambridge Forum.

**8:00 p.m. - 11:00 p.m. – Israeli Folk Dancing (participatory).** Israeli Folk Dancing Early Teaching at 8 p.m., followed by teaching and requests until 11 p.m. Beginners are always welcome. Family dancing usually occurs from 7-8 p.m. each week. Great for kids of ALL ages! To confirm family dancing for a given week, and for up-to-date announcements about each week’s dance, see our Yahoo Group at <http://groups.yahoo.com/group/mitfdc/messages>. Free for MIT/Wellesley students; suggested donation \$1 from others. Room: Lobby 13. Sponsor: Folk Dance Club.

**8:45 p.m. - 11:30 p.m. – Swing Dancing.** Beginners welcome, no partner necessary. Free. Room: Student Center 2nd floor. Sponsor: Lindy Hop Society, GSC Funding Board.

Thursday, April 1

**10:00 a.m. – Undergraduate Admissions Office Information Session (Followed by Campus Tour).** Groups over 15 people need to make special reservations. Free. Room: Admissions Reception Center (10-100). Sponsor: Admissions.

**10:00 a.m. - 11:00 a.m. – WHOI Donut and Coffee Hour.** Free. Room: WHOI Student Center. Sponsor: WHOI Student Organization.

**10:00 a.m. - 11:00 a.m. – ESS Training Registration Open House.** Free. Room: 56-154. Sponsor: Information Services and Technology.

**12:00 p.m. - 1:00 p.m. – English Bible Class.** You are welcome to attend this free Bible class led by Barbara Beevers of Baptist Campus Ministry. International spouses are welcome especially, but open to all. Come practice English, ask questions and make friends. Free. Room: W11 Board Room. Sponsor: Baptist Campus Ministry.

**12:00 p.m. - 1:30 p.m. – SAPweb: Purchasing on the Web.** Free. Room: N42 Demo Center. Sponsor: Information Services and Technology.

**12:00 p.m. - 1:30 p.m. – STS Brown Bag Lunch Seminar Series – Sara Wermiel.** Historical Preservation, and What’s it Got to do with History of Technology? Free. Room: E51-095. Sponsor: STS.

**1:00 p.m. - 3:00 p.m. – Free Conversational English Class.** International students, scholars and spouses are welcome to attend a free conversational English class. Come exchange culture, learn about American culture and holidays and make lasting friends. Free. Room: W11 Board Room. Sponsor: Baptist Campus Ministry.

**2:00 p.m. – Undergraduate Admissions Office Information Session (Followed by Campus Tour).** Groups over 15 people need to make special reservations. Free. Room: Admissions Reception Center, ( Building 10, Rm. 10-100). Sponsor: Admissions.

**4:00 p.m. - 5:00 p.m. – MIT Atmospheric Science Seminars.** Title TBA. Free. Room: 54-915. Sponsor: MIT Atmospheric Science Seminars.

**4:00 p.m. - 5:00 p.m. – How to Find a Summer UROP.** UROP staff will discuss how to find a summer UROP and file the necessary paperwork. Free. Room: 4-163. Sponsor: UROP.

**4:15 p.m. - 5:30 p.m. – Physics Colloquium Series: Information Storage and Propagation in Genetic Networks.** The Physics Community is invited to a pre-lecture reception at 3:45 p.m. in room 4-339. Free. Room: 10-250. Sponsor: Physics Department.

**4:15 p.m. - 5:15 p.m. – Even Factors in Digraphs.** ORC Spring Seminar Series. Seminar reception immediately following in the Philip M. Morse Reading Room, E40-106. Free. Room: E40-298. Sponsor: Operations Research Center.

**5:00 p.m. - 7:00 p.m. – Communications Forum: Changing Media, Changing Audiences.** Betsy Frank, executive vice president for research and planning at MTV Networks, will discuss the latest research on television viewing, the emergence of niche audiences, the battle for advertising between broadcast and cable networks, and the whereabouts of audience members in the 18-26 age group (so crucial to advertisers). MTV networks include MTV, MTV2, VH1, CMT, Nickelodeon, Nick at Nite, TV Land, Spike, and Comedy Central. Free. Room: Bartos Theater, Media Lab. Sponsor: Communications Forum.

**5:30 p.m. - 7:00 p.m. – Weekly Grad Student Bible Study for Absolute Beginners.** Weekly informal Bible study for grad students; refreshments provided; lgbt welcome. Free. Room: W11-007. Sponsor: Lutheran-Episcopal Ministry.

**5:30 p.m. - 7:30 p.m. – MIT Men’s Rugby Practice.** Free. Room: Johnson Outdoor Turf. Sponsor: Rugby Football Club, MIT, Edgerton House Residents’ Association.

**6:00 p.m. - 7:30 p.m. – Minority Physician and Medical Student Panel.** The Minority Physician and Medical Student panel event is an opportunity for students interested in medicine to hear firsthand the experiences of minority physicians and medical students in the Boston area. This panel is sponsored by MIT Careers Office and Minority Association of Prehealth Students (MAPS). Register for this panel at <http://training.mit.edu/tr?groupid=6&sortby=date>. Free. Room: 4-153. Sponsor: Career Services Office.

**6:00 p.m. – Between the Lines - A Festival of South Asian LGBT Identity at MIT.** Between the Lines is an attempt to bridge the gap between the LGBT movements of South Asia and USA and lay the groundwork for future partnerships and co-operation. It is a way of showcasing the wonderful creative diversity of the South Asian LGBT community and an attempt to facilitate interaction and an understanding of what constitutes a South Asian LGBT identity. It is also an endeavor to build bridges - with the several gay and straight cultures that coexist in our society today, and ultimately a celebration of both – the commonalities as well as the differences. Free. Sponsor: Between The Lines – Negotiating South Asian LGBT Identity.

**6:03 p.m. - 7:00 p.m. – Weekly meetings.** Regular meeting of the core group at muddy charles. Free. Room: Muddy Charles. Sponsor: Techlink.

**6:30 p.m. – Networking Event for the ATOMS Network of business school alumni.** Co-Sponsored by the University of Chicago Graduate School of Business. Appetizers will be served. Free. Room: Dick O’Dow’s, 160 West Maple Rd.; Birmingham, MI 48009 (Phone Number: 248-642-1135). Sponsor: MIT Sloan Alumni, MIT Sloan Club of Detroit.

**7:00 p.m. – poetry@mit: Kevin Young.** His poetry and essays have appeared in The New Yorker, The New York Times Book Review, The Paris Review, The Kenyon Review, Paideuma, and Callaloo. Young’s awards and honors include a Stegner Fellowship in Poetry at Stanford University, a Guggenheim Foundation Fellowship, and MacDowell Colony Fellowship. He taught at the University of Georgia as an assistant professor in English and African American Studies. He is currently Ruth Lilly Professor of Poetry at Indiana University. Free. Room: Rm 6-120. Sponsor: Program in Writing and Humanistic Studies.

**7:00 p.m. - 9:00 p.m. – New Funnies Lecture Series Part IV.** Featuring Fred Gallagher of “MegaTokyo.” Room: 10-250. Sponsor: LSC. The Large Event Fund and the DeFlorez Fund for Humor.

**7:00 p.m. - 9:00 p.m. – MIT Rugby Info Session.** Come to this info session to learn more about the game by interacting with current team members, watching recent matches and enjoying some free dinner. Afterhours entertainment is also scheduled. Free. Room: 1-135. Sponsor: Rugby Football Club, MIT, Edgerton House Residents’ Association.

**7:00 p.m. - 9:00 p.m. – Graduate Christian Fellowship Bible Study.** Come join us for Bible study, prayer, and fellowship! We are currently studying the book of Ephesians. Free. Room: NW86-560. Sponsor: Graduate Christian Fellowship, GSC Funding Board.

**7:30 p.m. - 9:30 p.m. – Chess Club Meeting.** A prominent player of the club will talk about some ideas in the opening. Then it will be designated time for play! Free. Room: Student Center, PDR 1&2. Sponsor: Chess Club.

**8:00 p.m. - 10:00 p.m. – MIT Concert Band Rehearsal.** The Concert Band, a student-run performance group, rehearses twice per week. We welcome students of all levels of musical experience. Free. Room: 20 Chimneys. Sponsor: Association of Student Activities, Concert Band.

**8:30 p.m. - 10:30 p.m. – Underwater Hockey.** The MIT SCUBA Club invites all to participate in Underwater Hockey every Thursday. Underwater Hockey is an exciting co-ed sport played at the bottom of a pool with a short stick and a lead puck. New Players should email [uw-officers\[at\]mit.edu](mailto:uw-officers[at]mit.edu). Free. Room: zpool. Sponsor: Scuba Club.

**9:00 p.m. - 10:00 p.m. – Coffee Hour.** Food and drink - an Ashdown tradition. Free. Room: Hulsizer Room (W1). Sponsor: Ashdown House.



# Between the lines

## NEGOTIATING SOUTH ASIAN LGBT IDENTITY



APRIL 1-3, 2004  
MIT

## PROGRAM

Lesbian and women-oriented South Asian LGBT movies and videos

Sixth Happiness – fictional movie biography of gay disabled writer, Firdaus Kangra.

and A Mermaid Called Aida, accompanied by readings of recent works by India's leading gay writer R Raj Rao and Los Angeles based novelist, Ghalib Shiraz Dhallia.

Official Festival Dinner Reception, sponsored by Queer AsianPacific Alliance - New England and Boston (QAPA) and the Massachusetts Asian & Pacific Islanders for Health (MAP).

LBGT shorts on issues of coming out and dealing with one's sexuality in a unique South Asian context. (Including Sum Total, Rewriting the Script, Three, Everything, Beauty Parlour, South Asian – Happy and Gay, The Goddess Method, For Straights Only and many more).

Panel Discussion with festival guests of honor. Boston LGBT activists and scholars.

Boston premiere of the hilarious Bombay drag film - The Pink Mirror.

Final dance party, organized by Massachusetts Area South Asian Lambda Association (Boston MASALA).

## SPONSORS

MIT Large Event Funding (LEF), LGBT @ MIT, Program in Comparative Media Studies at MIT, MIT Department of Foreign Languages and Literatures, MIT Program in Women's Studies, MIT Office of the Arts, MIT BGALA (Bisexual Gay and Lesbian Alumni), Rainbow Coffee House at MIT, MIT Committee on Campus Race Relations, SANGAM – The Indian Students' Association at MIT, Massachusetts Area South Asian Lambda Association (Boston MASALA), Queer Asian Pacific Alliance – New England and Boston, Massachusetts Asian & Pacific Islanders for Health, Alliance for a Secular and Democratic South Asia, and Funded (in part) by the Council for the Arts at MIT

For further information visit: <http://mit.edu/cms/betweenthelines/>





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## Solution to Crossword

from page 8

S	A	L	A	D	S	I	D	S	H	A	L	O
I	S	E	R	E	L	O	A	M	O	R	A	L
K	E	V	I	N	A	T	L	I	M	E	S	S
H	A	I	L	I	N	V	A	I	L	E	A	S
		A	E	S		A	L	I	S	O	N	
T	A	C	K	L	E	T	E	X	A	N		
E	L	L	E	D	E	A	L	B	R	I	M	S
S	T	A	N	S	A	L	S	A	O	S	C	O
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A	P	E	R	T	E	R	N	I	N	B	E	R
M	A	N	E	E	R	O	S	D	O	D	I	E
E	L	A	N	N	I	N	O	E	L	I	T	E
O	S	L	O	D	E	A	N	D	E	T	E	R

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## CALL FOR APPLICATIONS

The Council for the Arts at MIT Grants Program  
is accepting applications for its next deadline

# April 2, 2004

Please contact Susan Cohen ([cohen@media.mit.edu](mailto:cohen@media.mit.edu)) to set up an appointment to discuss your application

**We STRONGLY RECOMMEND that you set up an appointment**

(proposals submitted for this deadline cannot support projects with a start date before May 13, 2004)

Currently registered MIT students, MIT faculty and MIT staff are eligible to apply  
All types of arts projects are supported: visual, literary and performing arts

For more detailed information, read the Grants Guidelines on the web at:  
<http://web.mit.edu/arts/grants/grantguide.html>

You may also submit your application from the web, at:  
<http://web.mit.edu/arts/grants/grantform.html>

**The Council for the Arts at MIT** is a volunteer group of alumni and friends established to support the visual, literary, and performing arts at the Massachusetts Institute of Technology. Since its founding in 1972 by MIT President Jerome B. Wiesner, the Council for the Arts has worked "to foster the arts at MIT...[and]... to act as a catalyst for the development of a broadly based, highly participatory program in the arts." Appointed by the President of MIT to three-year terms, Council members serve as advocates and advisors to MIT's Associate Provost for the Arts.

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**lear Engineering Department**

**Open House**

**Ice Cream Social**



**Freshmen**

**Research**

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**ths in Nuclear Science & Engineering**

**TUESDAY March 30<sup>th</sup>**

**Lobby 13 ---- 2:00 – 4:00pm**



**MIT Hawaii Club Luau**

**featuring**

**local entertainer**

**Sean Na’auao**

**Saturday, April 3**

**Walker Memorial**

**Luau starts at 6pm**

**Doors open at 5:30pm**

**Onolicious food, great dancing, an awesome live performance,**

**and all around good fun!**

**Guest performance by the Wellesley Hawaii Club!**

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**this week in Lobby 10**

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Demonstrators in support of gay marriage hold signs outside the statehouse Monday afternoon as the Massachusetts constitutional convention conducts a vote inside. The Legislature voted 105-92 in favor of an amendment banning gay marriage and introducing civil unions. The amendment must be affirmed again next year, and would go to a public vote in the fall of 2006.



—DANIEL R. BERSAK

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MIT

Department of Facilities

CAMPUS CONSTRUCTION UPDATE

brain and cognitive sciences project

Structural steel detail work, fireproofing, and electrical work are under way. Installation of storm drain piping and ventpiping continues.

Building 48

Construction is complete and occupants are in the process of moving back into the building.

Dreyfus Building Lobby Renovation

Beginning in early April, renovation of the Dreyfus Building (18) lobby is scheduled to begin. Concrete excavation, removal of windows, and other work will necessitate the detour of pedestrian traffic to the south side of the site, and possibly to the sidewalk along Building 14N.

Stats Center

Client move-in has commenced in both the Gates and Dreyfus towers on floors 2 through 9. Power installation is proceeding as dictated by weather conditions. Trucks are delivering building materials and equipment to the site daily.

Mass. Ave. Sewer Rehabilitation

During the week of March 29, sanitary sewer exploratory work is scheduled to begin along Mass. Ave. between Vassar Street and Memorial Drive. This City of Cambridge project is scheduled to take approximately five days. Pedestrian traffic may be re-routed.

Waverly Street/West Campus

Excavation and installation of a sewer and drain system from Sidney-Park Street to Merrim Street is scheduled to continue through early April. Work will take place from 7 a.m. to 4 p.m., Monday through Friday. Vehicular traffic along this portion of Sidney Street will be restricted to one direction of alternating traffic. Police detail will be on-site to direct traffic.

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MIT

Emile Bustani Middle East Seminar

Spring 2004

Professor Philip S. Khoury, Chair

4:30 p.m.

MIT, E51-095  
(Dining Room)

70 Memorial Drive, Cambridge

Sponsored by the Center for International Studies at MIT.

OPEN TO THE PUBLIC

Update

Tuesday, March 30

PROFESSOR ALI BANUAZIZI

Codirector of the Program in Middle Eastern and Islamic Studies  
Boston College

CANCELLED

"THE IRANIAN REVOLUTION AT 25:  
CAN LIBERAL DEMOCRACY BE FAR BEHIND?"

April 2, 1968

April 14, 1968

Elizabeth Sells

Killed by a drunk driver  
on February 27, 1994, as she walked  
to Cedar Park, Mass.

If you don't stop your friend  
from drinking drunk, who will?  
Don't drink and drive.

PHOTOGRAPH BY JEFFREY M. HARRIS

MIT Corporation/Department

Index Theorem Aids  
Theoretical Physics

Abel, from Page 1

The theorem helps us analyze the nature of the solutions of equations involving Dirac operators, by calculating the index of the equation without actually solving it. Dirac operators are differential operators that arise in particle physics and operate on a mathematical representation of particles with spin known as spinor fields, Melrose explained. The wave function of an electron is an example of a spinor field.

It is almost impossible to solve the equations arising from applying a Dirac operator to a spinor and equating this with another spinor field, he said.

In a more precise language, the index of such an equation is given by the difference between the number of independent solutions to the corresponding homogeneous equation and the number of constraints on the input function on the right hand side of the equation, Melrose said.

Atiyah and Singer gave a formula for this index based on the coefficient functions of the Dirac operator. These functions are

based on the geometry and topology of the surrounding space, allowing one to calculate this index without actually solving the equation. An immediate use concerns homogeneous equations with Dirac operators. A positive index for such an equation shows that it must have a solution, Melrose said.

Applications to theoretical physics

Gauge theory, monopoles, string theory and the theory of anomalies are among the various fields where the theorem is applicable.

Quantum theory and string theory do not work when there is more than one solution to certain equations, Singer said.

For example, a conformal anomaly in string theory only vanishes for a ten dimensional space, as can be seen from the index theorem. This explains why space-time is ten dimensional, Singer said, because such anomalies do not fit with current physical theory.

Singer applauded the theorem, saying that its breakthroughs will allow the next generation of mathematicians and physicists to explore new areas of research.

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# PASSOVER



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Sat, Apr 10, 6-7pm  
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Sat, April 10, 12:30 pm  
Mon, Apr 12, 12-1:30 pm  
Tues, Apr 13, 12-1:30 pm  
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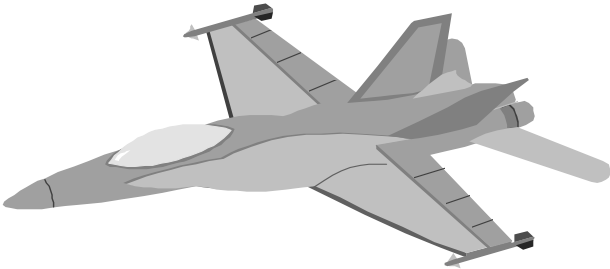
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**FRESHMAN OPEN HOUSE**



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TIME: 3:00-4:30 PM  
PLACE: PHYSICS COMMON ROOM , 4-339

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# AUW Promotes Women’s Rights

ASU, from Page 1

of Architecture curriculum at MIT, said Pendleton-Jullian. It is the final studio project for third-year graduate students before they begin their theses.

In addition, Professor Pendleton-Jullian set up a design workshop, where graduate students, not necessarily those from the studio, can “work as a team” to drive the ideas “towards a synthesis,” as well as collaborate with students from the Rhode Island School of Design.

Students work individually in the studios, focusing on one particular aspect and developing it, Pendleton-Jullian explained.

She stressed that the key aspect of MIT’s involvement was the “pedagogical agenda” of the project. It “allows the studio to remain very utopian in nature” but also allows students to address “very real” components, such as culture, security, and space, she said.

The value of doing this project in studio, she said, is that “what we can do in studio is go deeper than a professional may be able to.”

She said only that “we’ll see what happens” after the plans have been presented to AUW. The AUW Web site states that by Fall 2004, “an RFP (Request for Proposal) will be issued for architectural services to design the buildings identified

with the first phase of campus development,” with construction under way by summer 2005.

**MIT promotes development**

It’s an “extraordinary opportunity for MIT students,” Pendleton-Jullian said, and is “extremely worthwhile” and a “way to give back.” She also said that the project fits in with the research environment of MIT, by putting “all these brilliant minds together” in order to “think about the project.” The architecture, like the AUW, should “be at the forefront,” she said.

“I think the project is great,” said Virginia G. Nolan G, who is part of the studio. Because it is “based on a real life project,” she said, “it forces you to be creative and anchor your creativity.”

“I think the concern of most people here is how you can share your expertise,” Nolan said of MIT’s relationship with helping development in international realms.

Nolan also said that she thinks MIT’s role in this particular project is important when many people are “so seriously repressing the rights of women” in that region.

Naveem Mowlah G, a student in the workshop who originates from Bangladesh, said that the project was personal to her and certainly positive. “There are less high-profile third world improvement projects,”

she also said of MIT, which is “pretty good about exploring things like that.”

**Students consider AUW goals**

The AUW vision statement says AUW is to be a “world-class institution of higher education dedicated to preparing talented Asian women for leadership in the political, economic, social and cultural spheres.” Approximately 2500 students will enroll, and Pendleton-Jullian said half would receive full scholarships.

AUW’s vision statement declares its purpose is to address “special barriers confronting Asian women” from countries such as Vietnam or Afghanistan and “is committed to removing those obstacles.” The vision also states that AUW aims to bring “women together across national, cultural, ethnic, linguistic and economic boundaries,” which will “nurture a network of women professionals who will drive the development and enrichment of their communities, countries and the region.”

Professor Pendleton-Jullian said she and her students are considering these goals of AUW in designing the university. She won the Rotch Traveling Studio Grant, which allowed her to travel to India and Bangladesh with her students to study the landscape, as well as eastern architectural planning and culture.

Security is one key issue, said Pendleton-Jullian, because while “this is about the empowerment of women,” the political climate of the area must also be considered.

“The structure would be western, but the content would be eastern,” she said of the university. Something she tries to emphasize is “architecture as a manifestation of cultural issues.”

Tim M. Morshead G, the Teaching Assistant for the course, said that “we are thinking a lot about what it means to be empowering” for the women. However, Nolan added that “some people would not like it to be so obtrusive.”

The AUW Web site says that the “campus environment will promote tolerance, recognize the particular needs of women from diverse backgrounds, and encourage community while respecting solitude.”

Dr. Adnan Morshed PhD ’02, an architect from Chittagong, said it is positive that “MIT can play a leading role in bringing 21st century training in leadership and management to marginal women who traditionally have not had access to quality education” and “help build the educational infrastructure of many developing countries.”

MIT “should forcefully extend its pioneering role in technology with a global vision ... which may in turn have a profoundly positive impact on a world increasingly divided along ideological lines,” he said.





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April 17	South Shore RFC	A
April 24	Middlesex RFC	H
May 1	Boston Old Boys	A
May 8	Open	
May 15	Old Gold RFC	A
May 23	N.E.Tournament	A

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# Issue of Discrimination Raised in Marriage Debate

Gay, from Page 1

tion and fear among others.

### More than marriage is debated

Professor of Economics Michael J. Piore, sees similarities between the civil rights movement in the 1960s and the rights movement for homosexuals today. “I was in the black civil rights movement,” said Piore, who is white. “I was in the south, I worked in the south,” he said, and “the barriers that one faced being black are different but the hate ... the notion of heterosexual supremacy, exclusivity ... is exactly what white supremacy was like in the south.”

“We see it as a human rights, a civil rights issue,” said Gregory D. Dennis G, president of MIT Greens.

“Minority rights should not be decided by majority rule,” said Anne M. Pollock G, the president of MIT Queer Women’s Group .

Allen Rabinovich ’04, president of GAMIT, said that GAMIT agrees with this view. “Officially, as GAMIT, we oppose any kind of restrictive amendments, we think that it’s not up to [the legislators] to write any discrimination into the constitution.”

Nicole L. Ackerman ’06, a GAMIT officer, said that she saw similarities between the interracial marriage debate in the 1950s and same-sex marriage today. “Interracial marriage—it was the same sort of thing, well, you can still marry someone but just someone of the same race.”

Benjamin R. Wagner ’05, also a GAMIT officer, said that the issue was not about marriage. “I don’t care at all about marriage,” he said, “I care about discrimination.”

### Issue inspires LGBT activism

Thomas Robinson, program coordinator for Student Life Programs, said that he has seen a variety of reactions from lesbian, bisexual, gay and transgendered (LGBT) students about the debate, ranging from disinterest to feelings of being overwhelmed to feelings of mobilization.

Karla N. Solheim G said that the same-sex marriage has made her become more proactive in politics. “I can’t say I was involved until the gay marriage issue came up and that made me angry,” she said.

Last semester, GAMIT collected signatures for a Freedom to Marry Coalition petition and this semester, the group held a postcard campaign. Ackerman said that as a result of the campaign, close to 400 members of the MIT community sent postcards to state senators and representatives protesting a same-sex marriage ban amendment.

Robert C. Jagnow G said he was never really officially involved in gay support groups until the same-sex marriage debate, and attended the last two constitutional convention sessions. “I really feel mobilized. A constitutional amendment is absolutely taking my rights away,” he said.

Other political and religious

groups had a variety of reactions.

“The Green party is unequivocally in favor of gay marriage,” Dennis said. “We are opposed to any constitutional amendment to limit marriage between one man and one woman.”

Adam J. Nolte G, president of the Tech Catholic Community, said that the TCC is bound by the Catholic Church’s teachings. “While I can’t speak personally for everyone in the Catholic community as to their individual beliefs on this matter, in as much as TCC is a Catholic organization, we are bound to share our views of faith and morals with the universal church ... we can’t condone homosexual marriages or unions.”

### Some seek marriage as statement

William A. Fregosi, a technical coordinator in music and theatre arts, is planning on marrying his partner of almost seven years this August. Although he said that he and his partner want to do this for personal reasons, he also said he has political motivations. “For political reasons, if no other, everybody should do this,” Fregosi said.

Fregosi also said that he and his partner are ready to move up the date of their wedding in case the Massachusetts executive branch attempts to block gay marriages after they become legal on May 17.

Carol Matsuzaki, an assistant professor and head coach for the women’s tennis team, said that she would not rush into marriage because of the ruling, however. “It would be great if the ruling came through,” she said before the legislature approved the amendment yesterday, but she and her partner “shouldn’t do something if we’re not ready for it.”

### Debate over more than words

According to *The Boston Globe*, the amendment that was approved yesterday bans same-sex marriages but establishes civil unions between two people of the same sex.

Although the amendment states that civil unions will have the same rights in Massachusetts as marriages, civil unions still have limitations under federal law. According to Gay and Lesbian Advocates and Defenders (GLAD), civil unions do not receive federal or public benefits, such as social security benefits, immigration sponsorship, and pension protection, states are not legally required to recognize civil unions from other states, and a couple with a civil union can not jointly file their federal taxes.

Robinson estimated that a Vermont civil union currently grants about 300 rights, while a marriage grants about 1100 rights. The GLAD web site states: “According to a 1997 GAO report, civil marriage brings with it at least 1,049 legal protections and responsibilities from the federal government.”

Robinson argues that even naming marriages between two people of the same sex something different would still be worth debating. “Even if it was just a word debate, it

is still a valuable one,” he said.

### Marriages legal in May

Even though the amendment banning same-sex marriage was approved yesterday, marriages between two people of the same sex will still become legal on May 17 of this year.

The earliest that same-sex marriages could become illegal is November of 2006. The amendment must be approved again by a majority of the legislatures at the next consecutive legislative session, and if approved there a second time, the question would go to the voters. If a majority of the voters approve the amendment, then the amendment will be added to the Massachusetts Constitution.

There is a bit of ambiguity as to what will happen to couples who decide to get married after May 17 if the amendment gets final approval.

Charles P. Kindregan, Jr, a professor at Suffolk University Law School who has been teaching family law for 37 years, said that he believes the marriages would be valid even if the amendment eventually passes. “Never in the entire legal history has the legislature revoked anyone’s marriage.”

The amendment “would be prospective, not retroactive,” Kindregan said.

If the amendment does not pass, however, Kindregan said that it would put same-sex couples in a “very odd position” of being recognized by the state but not federally. The federal Defense of Marriage Act, passed in 1996 and signed by Bill Clinton, says that no state is required to recognize marriage, or

its equivalent, between two people of the same sex.

Other states also have their own defense of marriage acts, which similarly define marriage as a union between one man and one woman. “Are they constitutional?” Kindregan asks, “I have my real doubts about that.”

## Gay Marriage Timeline

**January 3, 1996:** The Defense of Marriage Act is signed into law by President Bill Clinton.

**November 18, 2003:** The Massachusetts Supreme Judicial Court rules that same-sex couples have a legal right to marry under the Masachusetts Constitution.

**February 4, 2004:** The Mass. Supreme Court rejects the civil union bill.

**February 11-12:** Massachusetts holds its first session of constitutional convention; three amendments to ban same-sex marriage are voted down.

**March 11:** Second session of constitutional convention.

**March 29:** Third session of constitutional convention; amendment to ban same-sex marriage and establish civil unions approved.

**May 17:** Marriages between two people of the same sex will become legal.

**2005-06:** The legislature will vote on the same-sex marriage amendment; if a majority approves amendment, it will go to a popular voter on the ballot.

**November 2006:** The earliest that the amendment can be presented to the voters and same-sex marriage can become illegal.

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# SPORTS

## Round Two Upsets Surprise All

By Brian Chase  
SPORTS EDITOR

The NCAA Men's Basketball Tournament lives and dies by the excitement caused by its various upsets. The 10-seeds

### Column

over the 2-seeds, the odds-on favorites getting shocked, these are the things that make the tournament exciting. But this year, it seemed the tournament was doomed to disappoint after the first two days of play and the first 32 games, only a handful of upsets had occurred, and at least on of those, 12-seed Manhattan over 5-seed Florida, wasn't even an upset, because the vast majority of fans were betting on it happening. Where were the upsets?

They were there, they just decided to be sneaky this year. Instead of happening immediately, in the first round, the real upsets were waiting in the second round. Occurring March 20 and 21, Round Two saw huge surprises and disappointments. Put it this way: after the first round, I had predicted five games out of 32 inaccurately. After the second round, only one of my predicted Final Four teams were still alive.

What happened? Well, the top two teams in the tournament lost, as well as two 2-seeds. Kentucky, rated the top team in the tourney, fell to the University of Alabama-Birmingham and their "40 minutes of hell" defensive style, which is designed to use less talented but more physically fit players to full court press their opponents, tiring and frustrating them. The whole system worked to a

T against Kentucky, who exited the tourney early for the second straight year. Because many, many people had Kentucky in the Final Four, this game made a lot of sportswriters (including myself) look foolish.

As if the Kentucky game weren't bad enough, Stanford, a team that went nearly undefeated in the regular season, fell to Alabama. Stanford's top scorer, Josh Childress, fell into early foul trouble and then fouled out quickly in the second half, leaving Stanford at the mercy of a very athletic Alabama squad that had been tested by the nation's toughest schedule. Quite a weekend for the former Confederate state.

Add these upsets to the defeat of 2-seeds Gonzaga and Mississippi State, both of which were predicted by some experts to get to the Final Four, and you have a lot of upset mania in the Sweet Sixteen. After that, though, the next two rounds went roughly according to plan, as only two upsets happened in the Elite Eight. Texas was cut down by Xavier, and Syracuse was beaten by 'Bama. The only other game which wasn't won by the top seed was when Oklahoma State beat St. Joseph's to qualify for the Final Four. And that game wasn't really an upset anyway, because the teams were only one seed apart and most people thought Ok. St. would win anyway.

What does all this craziness mean? Not much really. The NCAA Tournament is designed to give even the lowliest teams a chance against the big boys because of its single-

elimination format, and so even the most dominant team can have an off night and be out. The dearth of first-round upsets could have been a rash of upsets, since a number of games won by higher seeds were determined by five points or less. The teams that end up in the Final Four are usually very good teams, but they are also the good teams that were lucky during the first four games they had to win. There's no discernible method to the tourney, which is why the phrase "March Madness" was coined in the first place.

Anyway, here's how I think the rest of the tournament will play out: Georgia Tech will lose to Oklahoma State, because their lead scorer will still be limited and they won't be able to crush Ok. State's leading scorer they way they did the Kansas Jayhawks' leading scorer, Wayne Simien, to get here. Connecticut will beat Duke, because Duke is battling more injuries and because UConn has a better defense than Duke, which I believe will make the difference between the two teams in a very, very tight game.

Finally, UConn will overcome Oklahoma State on the back of Emeka Okafor, their big man inside, against whom the Cowboys really won't be able to guard. Of course, this is all liable to be very, very wrong, especially if Okafor's back spasms bother him at all during the last two games. But hey, as we've seen, this is March Madness. Not many sane humans can be expected to predict it accurately.

## Figure Skating Team Finishes at Exhibition

By Diana Cheng  
CLUB MEMBER

The MIT Figure Skating Club held its annual exhibition at Johnson Rink on March 20 at 7 p.m. Intercollegiate competitors, staff, alumni, and guest skaters from the Boston area performed in 20 numbers.

The Opening Number music was Zombie Jamboree with the skaters dressed up as zombies. Trish Fleming, who works at the MIT Enterprise Forum and was the exhibition director, choreographed the program so that beginning and advanced skaters could participate.

Rosa Cao G, Dave Wentzlaff G, and John Gonzalez '04 performed the Canasta Tango for the first time, with partners MIT physical education instructor Alex Landsman, group ice dance instructor Susan Alpert, and Diana Cheng '04. Bonny Kellermann '72 and Trish Fleming shadow-skated the Canasta Tango as a solo dance.

Alpert and Landsman partner danced the Fiesta Tango while Delphine Dean G, Cheng, and Kellermann shadow-skated the ice dance. Their arm movements were choreographed by Jessica Huot '06, a group ice dance instructor.

Barbara Cutler PhD and Derek Bruening G partner danced the Paso Doble, an ice dance they learned this year. Cutler and Bruening also skated solo freestyle performances.

The show also featured performances by intercollegiate competitors Cheng, Dean, Adrienne Hunacek '07, and Devon Manz G. Hunacek created a new program to music from Moulin Rouge. Manz's

program included several double jumps, a death drop, and a flying sit spin to music from Coldplay.

Cheng and Mickey Barry from Draper Labs skated their pairs program to a medley from Miss Saigon. The team placed third at the 2004 Eastern Adult Sectionals in Adult Pairs.

Bill Rowe, a researcher at MIT, skated his Cider House Rules program which he plans to compete at the Adult Nationals in April. Jane Codman, staff at the MIT Sailing Pavilion, performed her program to Time to Say Goodbye.

Jenny Gung, a Lexington High School junior representing the Hayden Recreation Center, skated a program to Pirates of the Caribbean. Gung has competed internationally with Hayden's Ice Mates synchronized skating team at the Novice level.

Eleven-year-olds Emily Dodson and Kevin Han, both individual competitors representing the Skating Club of Boston at the 2004 New England Regionals at the Juvenile level, pleased the crowd with their solo performances including several double jumps. This was Han's fourth year skating in front of the MIT audience, and his program was set to the music of James Bond.

Colonial Figure Skating Club pairs skaters Lara and Neil Shelton ended both halves of the exhibition with spectacular show programs. The Sheltons are the current silver medalists for the New England Regionals in Novice Pairs. They have performed at the MIT show for the past four years.

The MIT Figure Skating Club ended a successful season with the end of the exhibition. Johnson Rink will reopen in October 2004.



JONATHAN WANG—THE TECH

Daniel A. Bercovici '04 looks back at an opponent in the Marchiando Trophy Team Race last Saturday. MIT won one race and lost 13, placing last in the competition.

## UPCOMING HOME EVENTS

Tuesday, March 30

3 p.m., Varsity Baseball vs. Babson College, Briggs Field

4 p.m., Varsity Softball vs. Brandeis, Briggs Field

6 p.m., Varsity Women's Lacrosse vs. Babson, Jack Barry Field

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## Sports Fans and the Heartbreak Hotel

By Yong-yi Zhu  
SPORTS COLUMNIST

Heartbreak. Webster defines heartbreak as "crushing grief, anguish, or distress." I guess that's a good start, but it's not enough to fully

### Column

illustrate the destructive force of the emotion. When is heartbreak felt? The death of a close friend or the loss of a family member are closely linked to heartbreak. In general, losing something we love demolishes the balance of our emotions and wreaks havoc on our well-being. Just think about it, when something that we feel strongly about, something that matters much to us, something we label with the word love leaves us, we can feel as though the whole world has left us.

Sports is something we love.

Whether it be the Los Angeles Lakers, the Boston Red Sox, the Detroit Red Wings or the Indianapolis Colts, sports fans root for teams as though their lives depend on it. Often times, they are not even aware that they are watching television; the experience is so real to them. When Shaquille O'Neal slams down a dunk, when Pedro Martinez strikes out a batter, when

Steve Yzerman slaps in a one-timer or when Peyton Manning floats one up to Marvin Harrison in the end zone, people jump out of their seats because they are overjoyed; their loved ones have achieved something great. On the other hand, if you're rooting for the losers, you feel like a loser. Down, out, and dead.

I'm sure the Red Sox fans out there know exactly what I'm talking about. When Aaron Boone hit that home run in the bottom of the eleventh at Yankee Stadium in game 7 of the American League Championship Series last year, the hearts of hundreds of thousands of Red Sox fans simply turned to dust. I'm not sure exactly when all the heartbreaks happened, but somewhere in that ten second window between the time when the ball left Tim Wakefield's right hand, to the time when Boone's bat made contact with the ball, to the time when the ball finally landed harmlessly in the stands in left field, fair, you almost felt the entire city of Boston falling down on their knees in shock at what had just occurred.

The Red Sox played 162 games in the regular season spanning six months, five hard fought games against the Oakland Athletics from which the Sox came back from a 0-2

deficit, and seven brutal games against the New York Yankees, their archenemies, all to have their season end definitively in a matter of seconds. How devastating can sports be?

Pure heartbreak.

Let me elucidate the matter further with a game a week and a half ago between the Maryland Terrapins and the Syracuse Orangemen (I, being from Maryland, am somewhat of a Maryland fan, especially during the Atlantic Coast Conference Tournament and the NCAA Tournament). The game began slowly with a lackluster tone. Both teams were not scoring and Maryland in particular was having problems making field goals. But at least the two teams were close. I still had hope for the Terps to continue chugging their way through the tournament.

Then, the second half came and saw Hakim Warrick suddenly pick up his shooting. Maryland, on the other hand, stayed cold for the majority of the half. However, as the game drew to a close, suddenly the Terps came surging back for a chance at a comeback. They started at sixteen down. But slowly, the breaks went Maryland's way. After all, when was the last time that Gerry McNamara missed a free

throw in the closing seconds of a game? His missed shot allowed D.J. Strawberry of Maryland to drive down the court and attempt a last second shot. When the shot went up, it felt as if fate had led Maryland this far. Why would they get all the breaks just to lose in the end? But when it went wide and the follow-up shot did too, I was crushed. I collapsed to the floor confused and in complete disbelief of what had just happened.

Maryland had just been eliminated from the tournament; it was over. My heart pounded as though I had just run a marathon. My body felt soft as though I had just had the wind knocked out of me.

It's not the first and not the last time that feeling will go through my veins. I am also not the only person who has experienced this (the Tennessee Titans in Super Bowl XXXIV come to mind). But it hurts so much when it does happen. What's even worse is that we are not granted any time to mourn our loss. But we are sports fans, and we are tough. Even when we lose a loved one, like the Terrapins, like the Red Sox, we can still go on. Toughness comes with being a sports fanatic, and so does heartbreak.